



**WORLD'S LARGEST COLLECTION
OF UNIQUE CELL LINES**

Cell Line Catalog

Volume 2

500+ immortalized cell lines.

500+ stable cell lines.

100+ tumor cell lines.

Wide selection of cell lines from human, mouse, rat, bovine, canine, and more.

Genome-wide libraries of CRISPR knockout and 3'UTR cell lines.

60+ countries offering abm products.

4,200+ publication citations using abm products.

Collaborations with 100+ renowned institutions and companies worldwide.



Applied Biological Materials, Inc.



*The **abm** Team at the company headquarters in Canada*

Dear fellow scientists and innovators,

Since its founding in 2004, Applied Biological Materials Inc. (**abm**) has been an indispensable provider of life sciences reagents to the scientific community.

Our leading expertise in the field of cell engineering has allowed us to establish a formidable collection of primary, stable, and immortalized cell lines that are available for all of your research needs. This is why we are excited to share our comprehensive cell line catalog with you!

We are driven by our commitment to provide scientists with affordable, quality, and cutting-edge resources and we look forward to being a valuable partner in your research.

Sincerely,

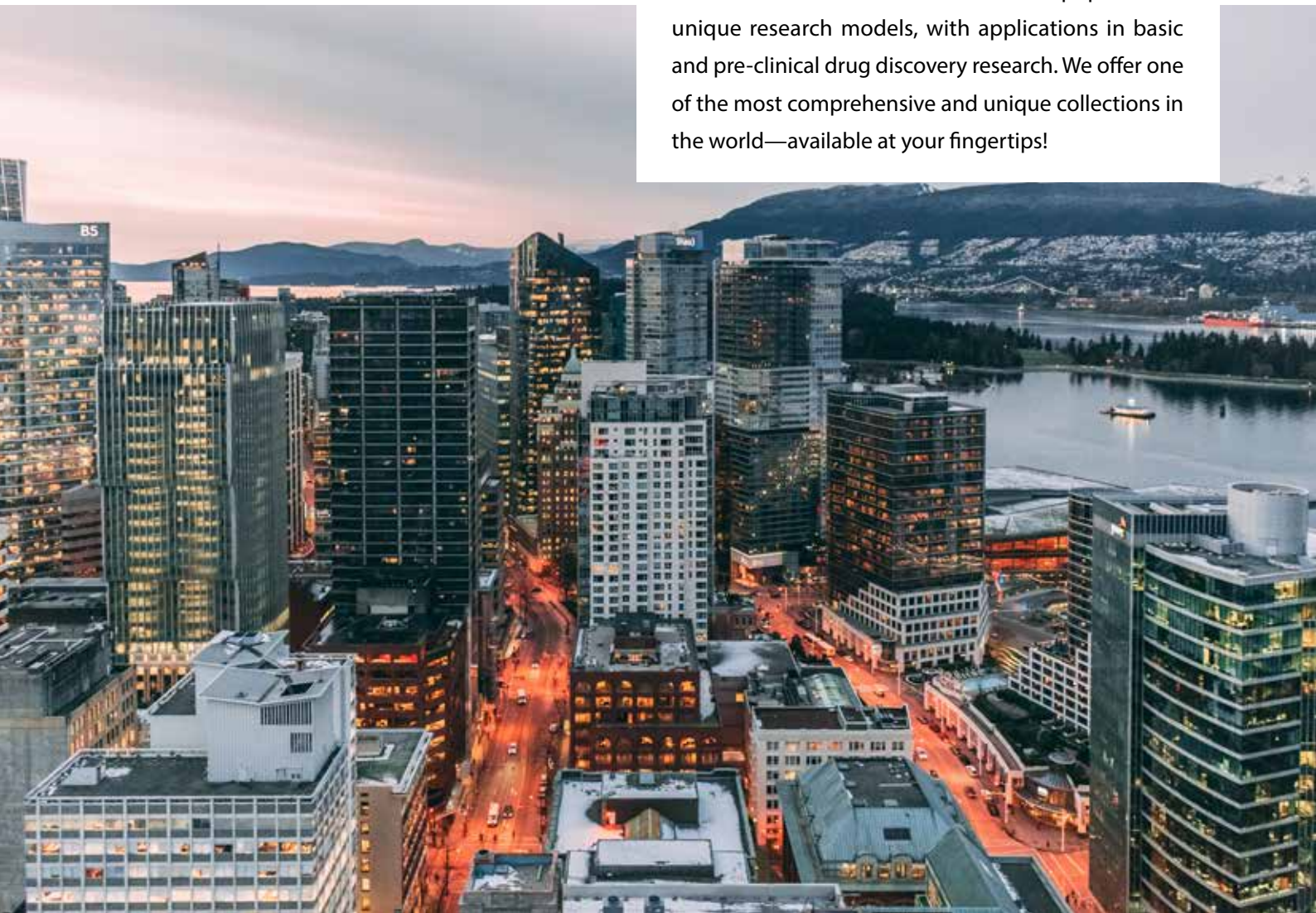
Your **abm** Team



COMPANY OVERVIEW

Applied Biological Materials

Located in the vibrant hub of Vancouver, Canada, **abm** has over a decade of experience in cell line engineering and collaborations with life sciences labs worldwide. With a global network covering over 60+ countries and growing, our cell line catalog includes well-characterized cell lines from both popular and unique research models, with applications in basic and pre-clinical drug discovery research. We offer one of the most comprehensive and unique collections in the world—available at your fingertips!



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Order & Technical Support

Operating Hours

8:00 AM to 5:00 PM PST, Monday to Friday

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You can place an order online, via email, or by phone:

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For any general inquiries, feel free to reach out to our customer service team at:

- [Email](mailto:info@abmgood.com): info@abmgood.com
- [Toll-free](tel:1-866-757-2414): 1-866-757-2414

Technical Support

Our team of dedicated scientists will be happy to assist with any technical inquiries you may have:

- [Email](mailto:technical@abmgood.com): technical@abmgood.com
- [Toll-free](tel:1-866-757-2414): 1-866-757-2414 - Option 2

Visit our knowledge base for more information about cell culture, including support documents, guides, and videos:

- [Website](https://info.abmgood.com/cell-culture): https://info.abmgood.com/cell-culture

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Our large network of international distributors services the following regions:



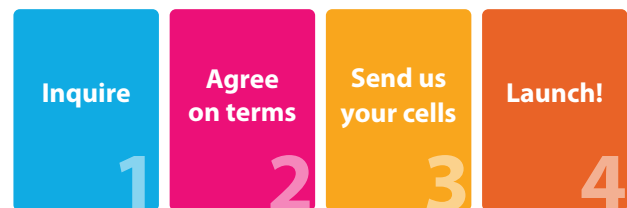
Africa • Argentina • Australia • Austria • Bangladesh • Belgium
Brazil • Bulgaria • Canada • Chile • China • Colombia • Cyprus
Czech Republic • Denmark • Ecuador • Egypt • Estonia
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Switzerland • Taiwan • Thailand • Tunisia • Turkey • UAE
United Kingdom • USA • Vietnam

Technology Transfer Office

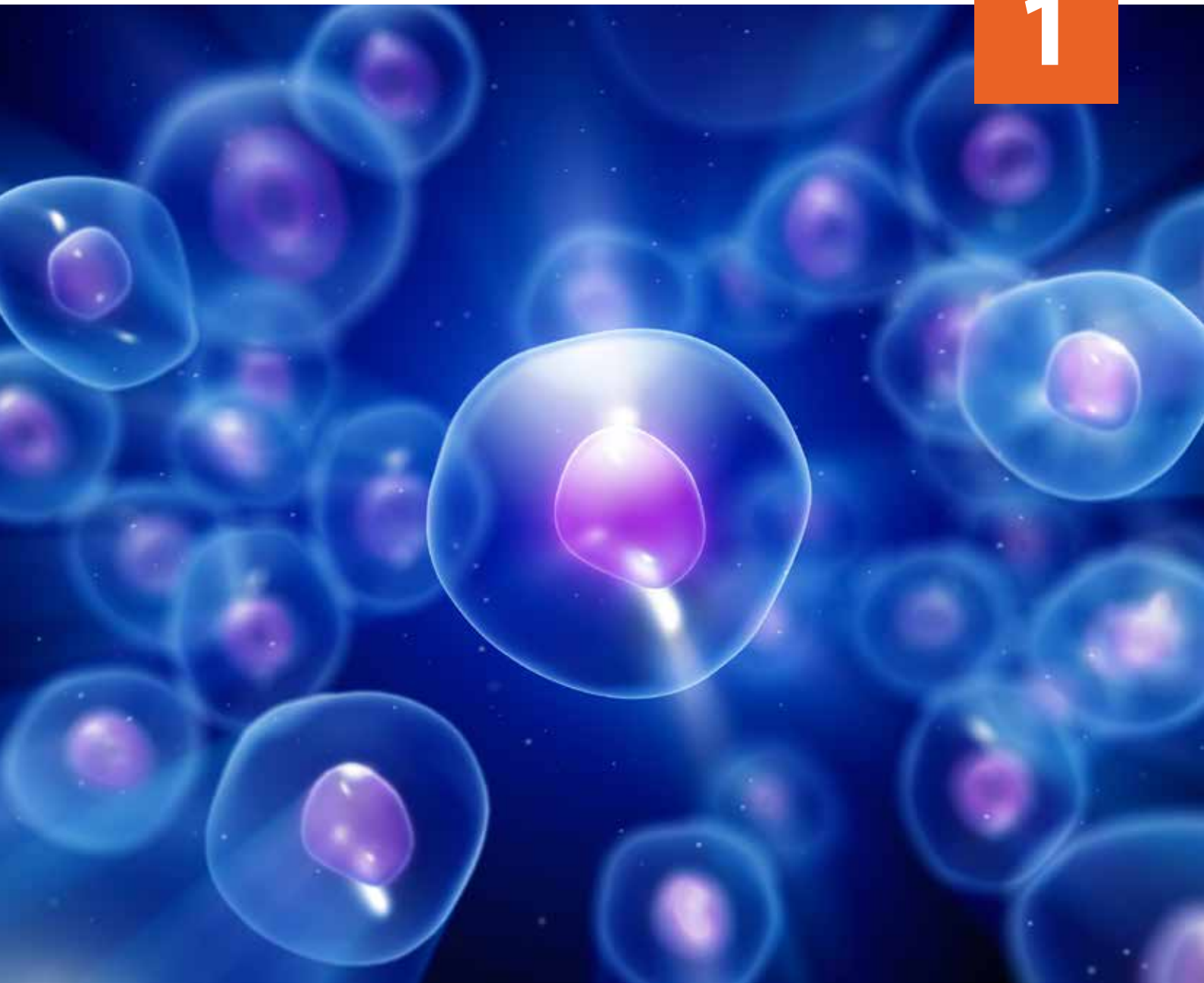
Have old cell lines taking up valuable space in your freezer?
Earn back your research investment!

Recoup those spent research dollars you invested into generating that old cell line by licensing with **abm**. We have a long track record of successful commercialization of scientific discoveries and connecting valuable technologies developed by scientists like you with our global customer base. Join our network of hundreds of scientific collaborators and translate your newly developed cell line into a tool to share with the scientific community.

The process is simple:



Contact licensing@abmgood.com to inquire about cell line commercialization opportunities.



Immortalized Cell Lines

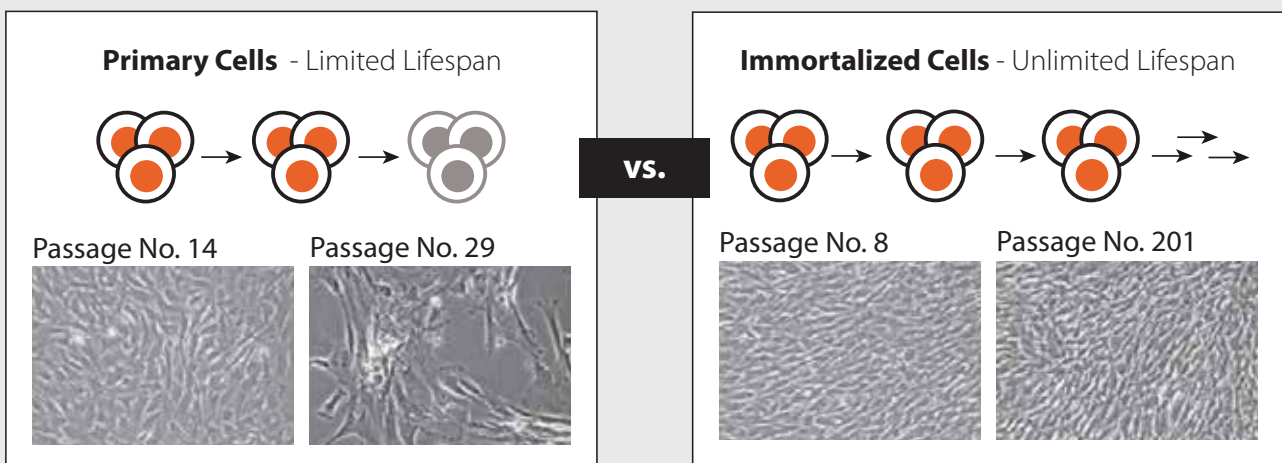
Save time and choose from our 500+ ready-to-use cell lines—validated by your peers and published in *Nature*, *Cell* and *Science*!

What are immortalized cell lines?

Continuously dividing immortalized cells arise from defined mutational events that allow the primary cells to evade normal cellular senescence. The resulting immortalized cells are useful for cell biology research as they are significantly easier to culture and maintain compared to their primary counterparts.

With **abm's** comprehensive selection of immortalized cell lines within your reach, you can meet any project's cellular needs.

How do they compare to primary cells?



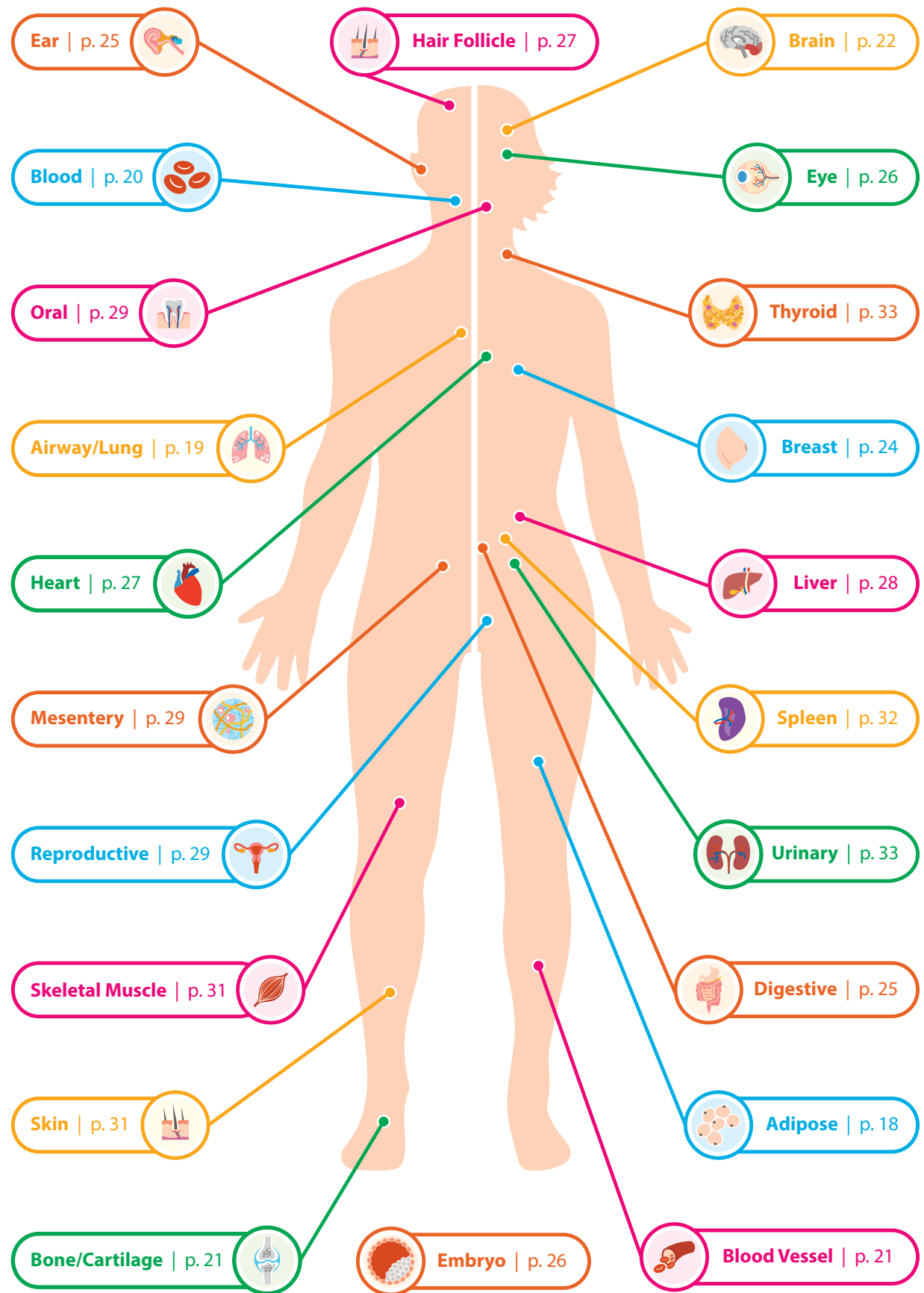
Why use immortalized cell lines?

- ✓ They retain characteristics of the primary cells that they were derived from
- ✓ They are a continuous source of cells for your long-term experiments
- ✓ They eliminate batch-to-batch variability, providing you with the greatest experimental reproducibility
- ✓ They are easier to maintain and culture than primary cells, thus reducing your lab work

Why choose abm as your source of immortalized cell lines?

- ✓ Select from 500+ immortalized cell lines in the world's largest collection
- ✓ Our cell lines originate from a wide variety of organisms, allowing for greater flexibility for any research project
- ✓ **abm's** proprietary cell specific PriGrow media ensures optimal propagation potential for all cell lines
- ✓ STR profiling services are available for cell line verification to support grant application requirements

Over 500 immortalized cell lines available:

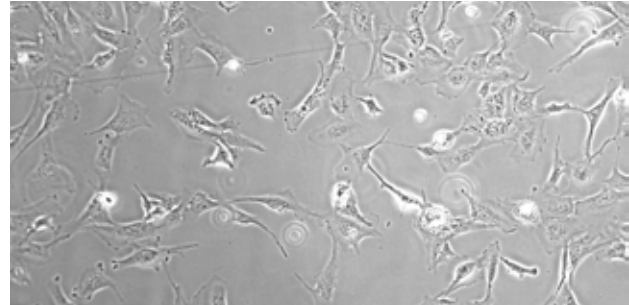


Fetal Astrocytes

Astrocytes are glial cells found in the brain and spinal cord that play a critical role in maintenance, support, and repair of nervous tissue. Astrocytes have also been implicated in various pathological processes. Long-term recovery after brain injury, through neurite outgrowth, synaptic plasticity, or neuron regeneration, is also influenced by astrocyte surface molecule expression and trophic factor release. These cells can serve as valuable in vitro model for exploring the diversity of astrocytes functions.

Specifications

- Source Organ: Brain
- Immortalization Method: hTERT
- Expression Profile: GFAP



Ordering Information

Cat. No.	T0281
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

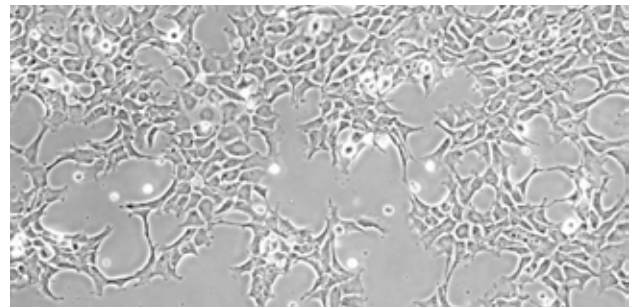
Baskin, R et al. (2015). Functional analysis of the 11q23.3 glioma susceptibility locus implicates PHLDB1 and DDX6 in glioma susceptibility. *Scientific Reports*, 17367. doi: 10.1038/srep17367

Microglia

Microglia cells are resident macrophages of the brain and spinal cord and they act as the first and the main form of active immune defense in the nervous system. The Immortalized Human Microglia - SV40 cell line is derived from Primary Human Microglia Cells (>99% purity) and have maintained microglial marker CD68 and NGF. These cells are suitable for studies of human microglia in health and disease.

Specifications

- Source Organ: Brain
- Immortalization Method: SV40
- Expression Profile: NGF, Tba1, TREM2, CD11b, and CD68



Ordering Information

Cat. No.	T0251
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

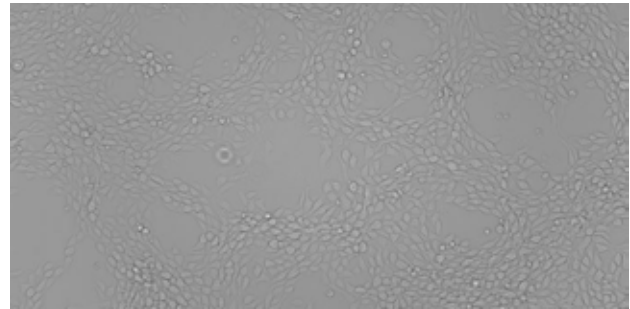
Zou, T. et al. (2019). Organoid-derived C-Kit+/SSEA4- human retinal progenitor cells promote a protective retinal microenvironment during transplantation in rodents. *Nature Communications*, 10(1),1205. doi.org/10.1038/s41467-019-08961-0

Dopaminergic Neuronal Precursor Cells (LUHMES)

The Lund Human Mesencephalic (LUHMES) cell line is a subclone of the tetracycline-controlled, v-myc-overexpressing human mesencephalic-derived cell line MES2.10. This cell line can be differentiated to acquire a dopaminergic neuron-like phenotype under appropriate growth conditions. LUHMES expresses functional dopamine transporter (DAT), vesicular monoamine transporter (VMAT-2), tyrosine hydroxylase (TH) and the neuronal form of β -III tubulin after differentiation. In addition to retaining dopaminergic neuronal-specific markers, LUHMES also exhibits electrophysiological properties, making it a valuable model for neurodevelopmental studies, disease modelling and neuropharmacology.

Specifications

- Source Organ: Brain
- Immortalization Method: hTERT
- Expression Profile: DAT, VMAT-2, TH, α -SYN, β -III tubulin



Ordering Information

Cat. No.	T0284
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

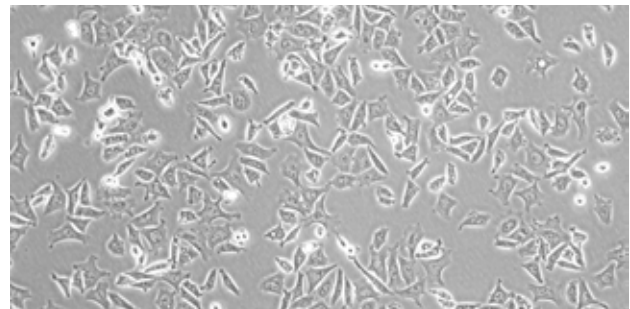
Scholz, D. et al. (2011). Rapid, complete and large-scale generation of post-mitotic neurons from the human LUHMES cell line. *Journal of Neurochemistry*, 119(5), 957–971. doi:10.1111/j.1471-4159.2011.07255.x

Colon Cells

Colon epithelial cells work as a mechanical barrier lining the colonic mucosal surface, as well as function as an integral component of the mucosal immune system. Their gene expression and growth characteristics can be altered in response to a broad array of cytokines. **abm**'s Immortalized Human Colon Cells are obtained from a human normal colon section and are ideal research models for malignant and non-malignant colorectal diseases.

Specifications

- Source Organ: Colon
- Immortalization Method: hTERT



Ordering Information

Cat. No.	T0570
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

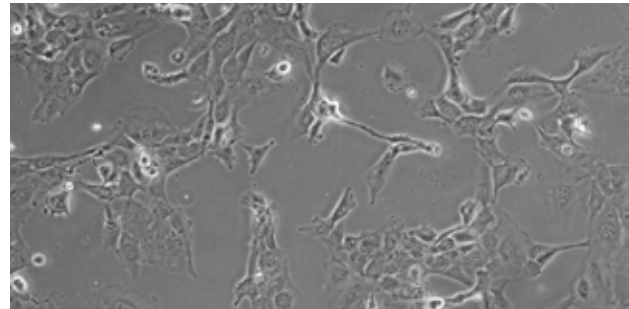
Burocziova, M. et al. (2019). Truncated PPM1D impairs stem cell response to genotoxic stress and promotes growth of APC-deficient tumors in the mouse colon. *Cell Death & Disease*, 10(11). doi:10.1038/s41419-019-2057-4.

Lens Epithelial Cells

The Immortalized Lens Epithelial Cells are established from primary cells (isolated from infant lens epithelial fragments) using AdL2-SV40 adenovirus. The Immortalized Human Lens Epithelial Cells provides a homogeneous population of cells for the investigation of the physiology of the normal human lens epithelium and to study its response to cataractogenic agents and the human lens specific functions. These cells also provide a unique system for examining the relationship between gene expression and differentiation.

Specifications

- Source Organ: Eye
- Immortalization Method: SV40 T



Ordering Information

Cat. No.	T0573
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

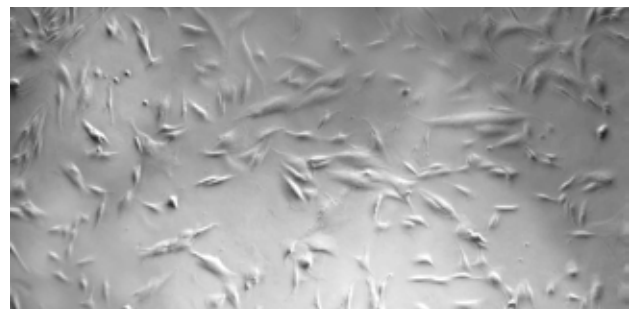
Andley, U. P. et al. (1994). Propagation and immortalization of human lens epithelial cells in culture. *Investigative ophthalmology & visual science*, 35(7), 3094–3102.

Hair Follicle Dermal Papilla Cells

Human hair follicle dermal papilla cells are highly active mesenchymal cells isolated from the hair papilla embedded in extracellular matrix of scalp hair follicles. Dermal Papilla Cells play a significant role in controlling the hair growth cycle and production by involving in the epithelial-mesenchymal interaction of hair follicle cells. Their survival is regulated by signal transduction pathways such as ERK and Akt. These cells can be used for development and evaluation of hair growth products and identifying cell populations within the hair follicle.

Specifications

- Source Organ: Hair Follicle
- Immortalization Method: hTERT
- Expression Profile: Smooth muscle actin- α



Ordering Information

Cat. No.	T0501
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

Sirimangkalakitti, N. et al. (2017). Renieramycin M Attenuates Cancer Stem Cell-like Phenotypes in H460 Lung Cancer Cells. *Anticancer research*, 37(2), 615–621. <https://doi.org/10.21873/anticancerres.11355>

Cardiomyocytes

Human Cardiomyocytes are isolated from human heart ventricles. Their specialized high-oxygen-content with a large number of mitochondria contributes to the major role of cardiac muscles in the heart's rhythmic pumping. Cardiomyocytes are regulated by a complex network of signals. Cardiomyocytes hypertrophy and apoptosis have been associated with the loss of contractile function during heart failure. They are ideal models for study of cytokines and cellular signalling mechanisms that lead to myocyte death, as well as for research on mechanical strain and cell-cell interaction.

Specifications

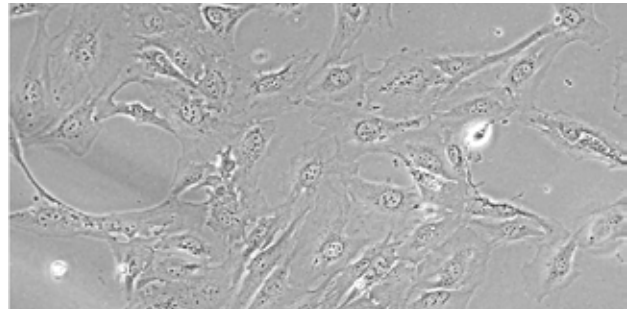
- Source Organ: Heart
- Immortalization Method: SV40
- Expression Profile: GATA-4, ACTN2, ACTN3, MYH2, MYH7

Hepatocytes

Human hepatocytes are routinely used by the pharmaceutical industry for study of hepatotoxicity, drug clearance, and drug-drug interactions. However, their use is impeded by inadequate supply, high cost, high variability, and limited *in vitro* proliferation capacity. Alternative cell sources such as hepatic cell lines and stem-cell derived hepatocytes do not exhibit sufficient *in vivo*-like functionality to be of pharmaco-toxicological relevance. Immortalized human hepatocytes are optimal *in vitro* models of the human liver. They are more easily maintained, propagated in culture, and have less intrinsic variation, making them a valuable tool for investigating metabolic pathways and hepatocyte proliferation-related events.

Specifications

- Source Organ: Liver
- Immortalization Method: HPV E6/E7, hTERT, MycT58A
- Expression Profile: AAT1, CK8, CK18, CYP1A1 (inducible CYP1A2 and CYP2C9)

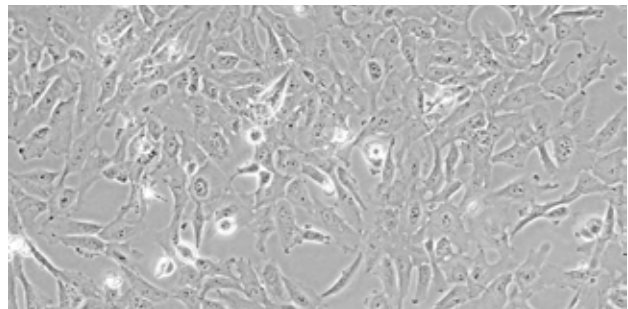


Ordering Information

Cat. No.	T0457
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

Sato, Y. et al. (2019). Development of selective cytotoxic viral vectors for concentration of undifferentiated cells in cardiomyocytes derived from human induced pluripotent stem cells. *Sci Rep.* 9, 3630. doi:10.1038/s41598-018-36848-5.



Ordering Information

Cat. No.	T0054
Species	Human
Unit	1,000,000 cells/ml

Hepatic Sinusoidal Endothelial Cells

Hepatic sinusoidal endothelial cells (HSECs) are a unique sub-population of the liver that lines the hepatic sinusoids. Their role involves clearing waste products from the blood, regulating pericyte contractility and innate immune functions. The immortalized mouse hepatic sinusoidal endothelial cells are derived from C57BL/6 mouse HSECs that have maintained endothelial characteristics and HSEC specific features such as vWF and caveolin-1. These cells also migrate in response to angiogenic growth factors, form vascular tube-like structures, endocytose acetylated low-density lipoprotein (AcLDL), and secrete proteins involved in matrix remodelling. These cells are suitable for studying liver endothelial cell biology, including motility and angiogenesis.

Specifications

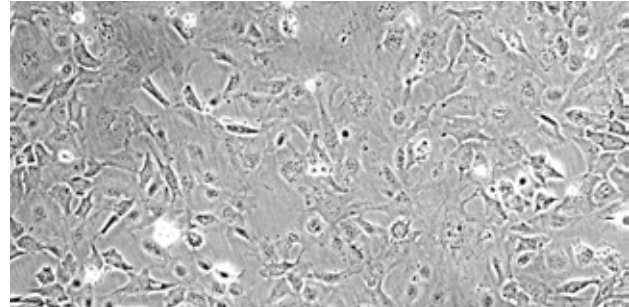
- Source Organ: Liver
- Immortalization Method: SV40 T
- Expression Profile: vWF and caveolin-1

Gingival Fibroblasts

Gingival fibroblasts play an important role in oral wound healing and are the major constituents of the gingival connective tissue. These cells are important in testing the “biocompatibility”, or toxicity of new dental materials. In the past, toxicity tests *in vitro* have been performed with non-human and human malignant cell lines, such as L929, CCL163, CCL171 and SaOS2. However, due to the malignancy of the described cell lines, the results may or may not be clinically relevant. The Immortalized Human Gingival Fibroblasts - hTERT have the same morphological cellular response in biocompatibility evaluation to primary human gingival fibroblasts and can thus be used to evaluate toxicity of dental materials.

Specifications

- Source Organ: Gingiva
- Immortalization Method: hTERT
- Expression Profile: Vimentin and actin

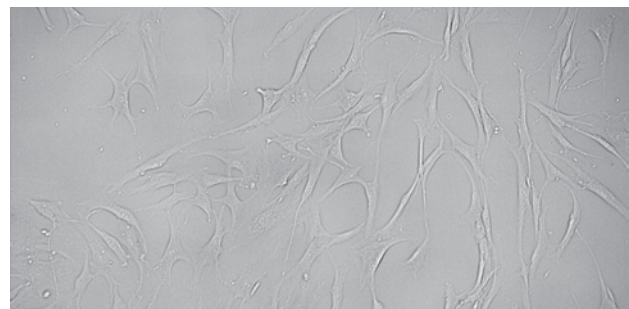


Ordering Information

Cat. No.	T0102
Species	Mouse
Unit	1,000,000 cells/ml

Featured Reference

Huebert, R. C. et al. (2010). Immortalized liver endothelial cells: a cell culture model for studies of motility and angiogenesis. *Laboratory investigation; a journal of technical methods and pathology*, 90(12), 1770–1781. <https://doi.org/10.1038/labinvest.2010.132>



Ordering Information

Cat. No.	T0026
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

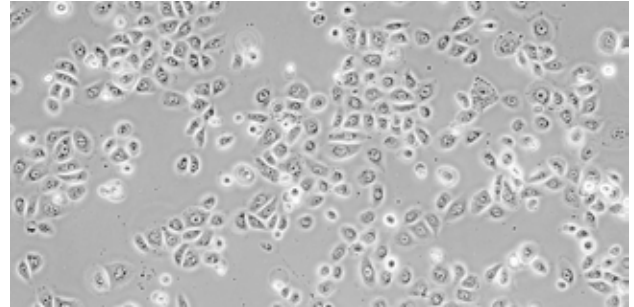
Illeperuma, R. P. et al. (2012). Immortalized gingival fibroblasts as a cytotoxicity test model for dental materials. *Journal of materials science. Materials in medicine*, 23(3), 753–762. <https://doi.org/10.1007/s10856-011-4473-6>

Gingival Keratinocytes

Immortalized Human Oral Gingival Keratinocytes (HPV-16 GM) are derived from a healthy donor and were immortalized using HPV16 E6/E7 genes. Immortalized Human Oral Gingival Keratinocytes (HPV-16 GM) express the following typical epithelial marker genes: cytokeratin 1, cytokeratin 10, involucrin, and filaggrin.

Specifications

- **Source Organ:** Gingiva
- **Immortalization Method:** HPV16 E6/E7
- **Expression Profile:** cytokeratin-1, cytokeratin-10, involucrin, and filaggrin



Ordering Information

Cat. No.	T0717
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

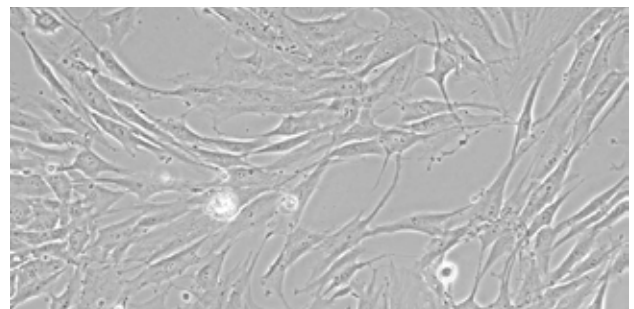
Roesch-Ely, M. et al. (2006). Organotypic co-cultures allow for immortalized human gingival keratinocytes to reconstitute a gingival epithelial phenotype in vitro. *Differentiation; research in biological diversity*, 74(9-10), 622–637. <https://doi.org/10.1111/j.1432-0436.2006.00099.x>

Pancreatic Cells

The Immortalized Human Primary Pancreatic cells are derived from pancreatic β cells, an important component of pancreas which make up 65-80% of the cells in the islets of Langerhans. They are essential in blood glucose regulation by producing and secreting insulin, the critical hormone that regulates the body to reduce blood glucose. These cells are ideal models to provide insight into development of novel therapies for Type 1 diabetes and other pancreas related diseases.

Specifications

- **Source Organ:** Pancreas
- **Immortalization Method:** Myc
- **Expression Profile:** CD142 and insulin



Ordering Information

Cat. No.	T0158
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

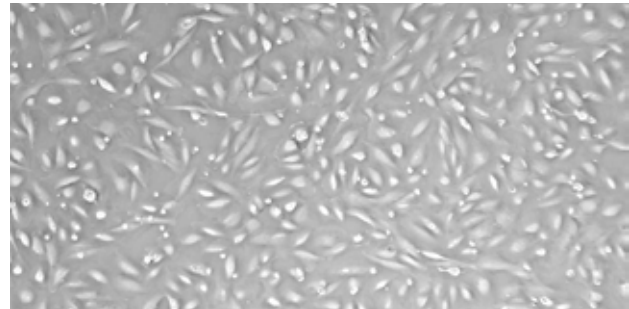
Li, Y. et al. (2019) Oncolytic Ad co-expressing decorin and Wnt decoy receptor overcomes chemoresistance of desmoplastic tumor through degradation of ECM and inhibition of EMT. *Cancer Letters*, 459, 15–29. DOI: 10.1016/j.canlet.2019.05.033.

Fallopian Tube Secretory Epithelial Cells

Immortalized Human Fallopian Tube Secretory Epithelial Cells (FT240) are derived from human fallopian tube tissue harvested from healthy patients. The primary cells isolated from the tissue were first transduced with retrovirus containing hTERT, and then transduced a second time, with retrovirus containing CDK4R24C and p53 shRNA.

Specifications

- Source Organ: Fallopian Tube
- Immortalization Method: hTERT, CDK4R24C, and p53 siRNA
- Expression Profile: PAX8 and CK7



Ordering Information

Cat. No.	T0762
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

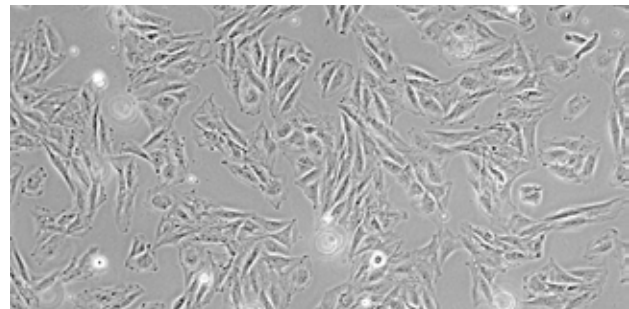
Karst, A. M., & Drapkin, R. (2012). Primary culture and immortalization of human fallopian tube secretory epithelial cells. *Nature protocols*, 7(9), 1755–1764. <https://doi.org/10.1038/nprot.2012.097>

Skeletal Muscle Myoblasts

Immortalized Rat Skeletal Myoblast Cells (L6) is derived from the thigh muscle of a two day old rat pup. Myoblasts are the precursor cells to muscle fibres and aggregate to form multinucleate striated fibres within a living organism. The cells display a myoblast morphology and retain the potential to differentiate. This cell line has been created to have an increased insulin response to glucose uptake, as well as have good myotube differentiation. Immortalized Rat Skeletal Myoblast Cells (L6) have been used to study glucose transport systems and is suitable for research pertaining to muscle physiology and metabolism.

Specifications

- Source Organ: Skeletal Muscle
- Immortalization Method: Treatment with 3-methylcholanthrene



Ordering Information

Cat. No.	T0771
Species	Rat
Unit	1,000,000 cells/ml

Featured Reference

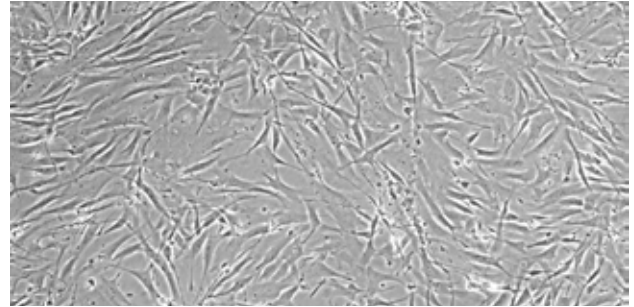
Richler, C., & Yaffe, D. (1970). The in vitro cultivation and differentiation capacities of myogenic cell lines. *Developmental biology*, 23(1), 1–22. [https://doi.org/10.1016/s0012-1606\(70\)80004-5](https://doi.org/10.1016/s0012-1606(70)80004-5)

Melanocytes

Melanocytes are melanin producing cells mainly in the bottom layer of the skin's epidermis, and interact with keratinocytes via dendritic cell processes. Melanin, which is primarily responsible for skin colour, is transferred to the keratinocytes and stored in vesicles located around the nucleus to provide protection from UV radiation. These cells were immortalized via serial passaging and transduction with recombinant lentiviruses carrying the hTERT gene. These cells can serve as a valuable *in vitro* model for melanocyte differentiation and proliferation, as well as progression of melanocytic neoplasia.

Specifications

- Source Organ: Skin
- Immortalization Method: hTERT
- Expression Profile: SILV and TYRP1



Ordering Information

Cat. No.	T0462
Species	Rat
Unit	1,000,000 cells/ml

Featured Reference

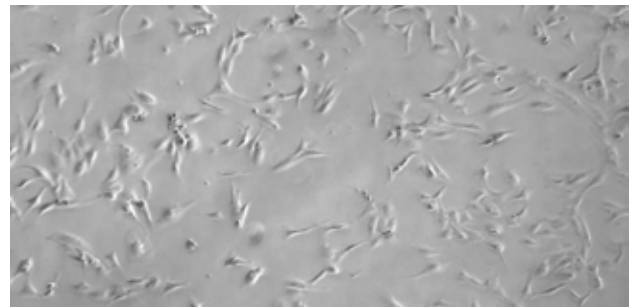
Romano, G. et al. (2018). A Preexisting Rare PIK3CAE545K Subpopulation Confers Clinical Resistance to MEK plus CDK4/6 Inhibition in NRAS Melanoma and Is Dependent on S6K1 Signaling. *Cancer discovery*, 8(5), 556–567. <https://doi.org/10.1158/2159-8290.CD-17-0745>

Thyrocytes

Thyrocytes are specialized cells that carry out all the steps required for the synthesis and secretion of thyroid hormones such as thyroxine (T4) and triiodothyronine (T3). Immortalized Thyrocytes were created through serial passaging and transduction of primary human thyrocytes with recombinant lentiviruses carrying SV40. These cells can be used to study thyroid biology and disorders.

Specifications

- Source Organ: Thyroid
- Immortalization Method: SV40



Ordering Information

Cat. No.	T0421
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

Romano, G. et al. (2018). A Preexisting Rare PIK3CAE545K Subpopulation Confers Clinical Resistance to MEK plus CDK4/6 Inhibition in NRAS Melanoma and Is Dependent on S6K1 Signaling. *Cancer discovery*, 8(5), 556–567. <https://doi.org/10.1158/2159-8290.CD-17-0745>

Adipose Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Adipose-derived Stromal Cells	Human	Bmi-1 and hTERT	1,000,000 cells/ml	T0540
Preadipocyte Cells, Brown (PAZ6)	Human	SV40 T + t	1,000,000 cells/ml	T0729
Adipose-derived Mesenchymal cells (iMADs)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0541
Preadipocyte Cells (ScAP-23)	Mouse	hTERT	1,000,000 cells/ml	T0544
Preadipocyte Clonal Cells (PGF2-2, Type 3)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0812
Preadipocyte Clonal Cells (PGF2-5, Type 3)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0813
Preadipocyte Clonal Cells (PGF2-8, Type 1)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0803
Preadipocyte Clonal Cells (PGF3-11, Type 1)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0815
Preadipocyte Clonal Cells (PGF3-15, Type 3)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0802
Preadipocyte Clonal Cells (PGF3-2, Type 2)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0808
Preadipocyte Clonal Cells (PGF3-3, Type 3)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0814
Preadipocyte Clonal Cells (PGF3-4, Type 1)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0801
Preadipocyte Clonal Cells (SCF1-12, Type 3)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0809
Preadipocyte Clonal Cells (SCF1-13, Type 3)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0810
Preadipocyte Clonal Cells (SCF1-15, Type 3)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0811
Preadipocyte Clonal Cells (SCF1-23, Type 2)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0805
Preadipocyte Clonal Cells (SCF3-1, Type 2)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0806
Preadipocyte Clonal Cells (SCF3-11, Type 2)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0804
Preadipocyte Clonal Cells (SCF3-8, Type 2)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0807
Subcutaneous Adipose Multipotent Mesenchymal Cells (m17.ASC-GFP)	Mouse	Spontaneous	1,000,000 cells/ml	T0543
Subcutaneous Adipose Multipotent Mesenchymal Cells (m17.ASC)	Mouse	Spontaneous	1,000,000 cells/ml	T0542
Mesenchymal Stem Cells	Canine	HPV E6/E7	1,000,000 cells/ml	T0352

Airway/Lung Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Alveolar Cells	Human	SV40 T	1,000,000 cells/ml	T0487
Alveolar Cells (Type 2)	Human	-	1,000,000 cells/ml	T0376
Bronchial Epithelial Cells	Human	hTERT and Bmi-1	1,000,000 cells/ml	T0498
Bronchial Epithelial Cells	Human	hTERT and CDK4	1,000,000 cells/ml	T0497
Bronchial Epithelial Cells	Human	SV40 T	1,000,000 cells/ml	T0486
Bronchial Epithelial Cells (Bmi-1 d1)	Human	Bmi-1	1,000,000 cells/ml	T0683
Bronchial Epithelial Cells (Bmi-1 d2)	Human	Bmi-1	1,000,000 cells/ml	T0846
Bronchial Epithelial Cells (Bmi-1 d3)	Human	Bmi-1	1,000,000 cells/ml	T0847
Bronchial Epithelial Cells (HBEC3-KT)	Human	CDK4 and hTERT	1,000,000 cells/ml	T0753
Bronchial Smooth Muscle Cells	Human	SV40 T	1,000,000 cells/ml	T0493
Bronchiole Endothelial Cells	Human	-	1,000,000 cells/ml	T0492
Cystic Fibrosis Cells (Delta F508)	Human	Conditional reprogramming	1,000,000 cells/ml	T0738
Diploid Fibroblasts	Human	hTERT	1,000,000 cells/ml	T1013
Laryngeal Epithelial Cells (HuLa-TVC)	Human	HPV E6/E7	1,000,000 cells/ml	T0850
Laryngeal Posterior Commissure Cells	Human	HPV E6/E7	1,000,000 cells/ml	T0499
Lung Epithelial Cells (BEAS-2B-BW 1799)	Human	SV40	1,000,000 cells/ml	T0795
Lung Epithelial Cells (BEAS-2B-CSC 1170-I)	Human	SV40	1,000,000 cells/ml	T0797
Lung Epithelial Cells (BEAS-2B-CSC 1196)	Human	SV40	1,000,000 cells/ml	T0794
Lung Epithelial Cells (BEAS-2B-CSC 1198)	Human	SV40	1,000,000 cells/ml	T0796
Lung Fibroblast	Human	hTERT	1,000,000 cells/ml	T1015
Nasal Epithelial Cells	Human	SV40	1,000,000 cells/ml	T9243
Nasal Epithelial Cells	Human	SV40 T	1,000,000 cells/ml	T0440
Pulmonary Fibroblasts Cells	Human	SV40	1,000,000 cells/ml	T0490
Pulmonary Microvascular Endothelial Cells	Human	SV40 T	1,000,000 cells/ml	T0491
Small Airway Epithelial Cells	Human	SV40 T	1,000,000 cells/ml	T0485
Tracheal Epithelial Cells	Human	SV40 T	1,000,000 cells/ml	T0489
Tracheal Smooth Muscle Cells	Human	-	1,000,000 cells/ml	T0494
Lung Clara Cells, Conditional (C22)	Mouse	SV40	1,000,000 cells/ml	T0092
Lung Endothelial Cells	Mouse	PmT	1,000,000 cells/ml	T0094
Maxillary Sinus Mucosal Mesenchymal Stem Cells	Rat	SV40	1,000,000 cells/ml	T9436
Pulmonary Microvascular Endothelial Cells	Rat	hTERT	1,000,000 cells/ml	T9208
Tracheal Epithelial Cells (SPOC-1)	Rat	Spontaneous	1,000,000 cells/ml	T0733
Fetal Lung Cells	Bovine	SV40 T	1,000,000 cells/ml	T0091
Microvascular Endothelial Cells (BLuMEC)	Bovine	SV40 T	1,000,000 cells/ml	T0831
Microvascular Endothelial Cells (CLuMEC)	Canine	SV40 T	1,000,000 cells/ml	T0838

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Lung Cells (extEqFL)	Equine	Retrovirus carrying PA317 LXSN HPV16 E6/E7 vector	1,000,000 cells/ml	T0095
Respiratory Epithelial Cells	Feline	HPV E6/E7 and SV40 T	1,000,000 cells/ml	T0065
Alveolar Macrophage Cells (iPAM303)	Porcine	SV40 T and hTERT	1,000,000 cells/ml	T0754
Alveolar Macrophage Cells (iPAM61)	Porcine	SV40 T and hTERT	1,000,000 cells/ml	T0755
Alveolar Macrophage Cells (PAM-KNU)	Porcine	hTERT	1,000,000 cells/ml	T0741

Blood Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
AT2-like Cells	Human	hTERT	1,000,000 cells/ml	T0825
Bone Marrow Basophils	Human	-	1,000,000 cells/ml	T0527
Bone Marrow Mesenchymal Cells	Human	hTERT	1,000,000 cells/ml	T0523
Bone Marrow Mesenchymal Stem Cells	Human	SV40 T	1,000,000 cells/ml	T0520
Bone Marrow Mesenchymal Stromal Cells (iMSC3)	Human	hTERT	1,000,000 cells/ml	T0529
Bone Marrow Mononuclear Cells	Human	Myc T58A	1,000,000 cells/ml	T0526
Bone Marrow Stromal Cells	Human	SV40	1,000,000 cells/ml	T0096
Bone Marrow Stromal Cells, Fetal (HNMSmC-f)	Human	SV40 T	1,000,000 cells/ml	T9273
Bone Marrow-derived Stromal Cells Stably Expressing YFP	Human	SV40 T	1,000,000 cells/ml	T0522
Bone Marrow-derived Stromal Cells, Adult	Human	SV40 T	1,000,000 cells/ml	T0524
Dendritic Cells	Human	-	1,000,000 cells/ml	T0525
Hepatocyte-like Cells	Human	hTERT	1,000,000 cells/ml	T0823
Lymphoblastoid Cells (KMS-15)	Human	EBV	1,000,000 cells/ml	T0133
Lymphoblastoid Cells (KMS-9)	Human	EBV	1,000,000 cells/ml	T0132
Mast Cells (LUVA)	Human	Spontaneous	1,000,000 cells/ml	T0843
MPLC Cells	Human	hTERT	1,000,000 cells/ml	T0822
Stem Cell-Derived β Cell Line	Human	SV40 and CDK4	1,000,000 cells/ml	T0067
T Cells	Human	hTERT, Rb siRNA, ID1, ID2, ID3, Nanog, EZH2, Fos, SOX2, YAP1, LMO2 and KLF4	1,000,000 cells/ml	T0086
Alveolar Macrophage Cells, MS ^{-/-} (ZK1)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0676
Alveolar Macrophage Cells, MS ^{-/-} (ZK2)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0677
Alveolar Macrophage Cells, MS ^{-/-} (ZK6)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0678
Basophil Cells (EML C.1)	Mouse	SV40	1,000,000 cells/ml	T0679
Macrophage Cells (BMA3.1A7)	Mouse	Spontaneous	1,000,000 cells/ml	T0673

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Macrophage Cells, CD81+/- (2BSD1.10)	Mouse	SV40 T	1,000,000 cells/ml	T0139
Macrophage Cells, CD81-/- (ASD1)	Mouse	SV40 T	1,000,000 cells/ml	T0138
Macrophage Cells, Leptin Receptor-deficient (DB-1)	Mouse	Spontaneous	1,000,000 cells/ml	T0134
Macrophage Cells, MHC II -/- (C2D)	Mouse	Spontaneous	1,000,000 cells/ml	T0225
Macrophage Cells, MHC II -/- (C2Dt)	Mouse	SV40 T	1,000,000 cells/ml	T0226
Mast Cells (NCL-2)	Mouse	Spontaneous	1,000,000 cells/ml	T0788
Myeloid-derived Suppressor-like Cells (HD1A)	Mouse	SV40 T	1,000,000 cells/ml	T0137
Promyelocyte Cells (MPRO C.2)	Mouse	SV40	1,000,000 cells/ml	T0686
T Cells, CD4+ CD8+ (MOHITO)	Mouse	Spontaneous	1,000,000 cells/ml	T0131
Umbilical Cord Endothelial Cells (BUcEC)	Bovine	SV40 T	1,000,000 cells/ml	T0834
Bone Marrow Mesenchymal Stromal Cells (DS1)	Canine	HPV E6/E7	1,000,000 cells/ml	T0687

Blood Vessel Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Aortic Smooth Muscle Cells	Human	SV40 T	1,000,000 cells/ml	T0515
Brachiocephalic Artery Endothelial Cells	Human	SV40 T	1,000,000 cells/ml	T0513
Cardiac Microvascular Endothelial Cells	Human	SV40 T	1,000,000 cells/ml	T0514
Carotid Artery Endothelial Cells	Human	SV40 T	1,000,000 cells/ml	T0512
Carotid Artery Smooth Muscle Cells	Human	SV40 T	1,000,000 cells/ml	T0510
Coronary Artery Endothelial Cells	Human	SV40 T	1,000,000 cells/ml	T0551
Coronary Artery Smooth Muscle Cells	Human	SV40	1,000,000 cells/ml	T0557
Pulmonary Artery Endothelial Cells	Human	SV40	1,000,000 cells/ml	T0550
Pulmonary Artery Smooth Muscle Cells	Human	SV40	1,000,000 cells/ml	T0558
Umbilical Vein Endothelial Cells (PDL8 HUVEC)	Human	Spontaneous	1,000,000 cells/ml	T0725
Vascular Endothelial Cells (EA.hy926)	Human	Fusion with tumor cells	1,000,000 cells/ml	T0735
Aortic Endothelial Cells (iMAEC-WT)	Mouse	PmT	1,000,000 cells/ml	T0504
Carotid Artery Endothelial Cells	Mouse	hTERT	1,000,000 cells/ml	T9215
Aortic Endothelial Cells	Feline	SV40 T and hTERT	1,000,000 cells/ml	T0516
Vena Cava Endothelial Cells	Feline	SV40 T and hTERT	1,000,000 cells/ml	T0517
Aorta Cells	Porcine	SV40 T	1,000,000 cells/ml	T0508
Aortic Endothelial Cells (AOC)	Porcine	SV40	1,000,000 cells/ml	T0448

Bone/Cartilage Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Chondrocytes	Human	c-Myc	1,000,000 cells/ml	T0022
Chondrocytes	Human	hTERT	1,000,000 cells/ml	T0023

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Chondrocytes	Human	Ras	1,000,000 cells/ml	T0024
Chondrocytes	Human	SV40 T	1,000,000 cells/ml	T0021
Chondrocytes	Human	SV40 T and hTERT	1,000,000 cells/ml	T0018
Cranial Periossteal Cells (Tag58)	Human	SV40 T	1,000,000 cells/ml	T0716
Intervertebral Disc Cartilage Endplate-derived Stem Cells	Human	SV40	1,000,000 cells/ml	T0009
Osteoarthritis Cartilage Mesenchymal Stem Cells (OASC5)	Human	SV40 T	1,000,000 cells/ml	T0752
Osteoblasts (HNOB)	Human	HPV E6/E7	1,000,000 cells/ml	T9255
Osteoblasts (HNOB)	Human	Ras	1,000,000 cells/ml	T9252
Osteoblasts (HNOB)	Human	SV40	1,000,000 cells/ml	T9256
Osteoblasts (HNOB)	Human	SV40 and hTERT	1,000,000 cells/ml	T9253
Osteoblasts (HNOB)	Human	SV40 T	1,000,000 cells/ml	T9251
Osteoprecursor Cells (OPC1)	Human	SV40 T	1,000,000 cells/ml	T0230
Rheumatoid Arthritis Cartilage Progenitor Cells (RA-CPC)	Human	hTERT	1,000,000 cells/ml	T0742
Synovial Membrane Chondroblasts Cells	Human	-	1,000,000 cells/ml	T0032
Synovial Membrane Fibroblasts	Human	SV40 T	1,000,000 cells/ml	T0030
Chondrocytes, Articular (iMAC)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0010
Cranial Suture Cells (iMSu)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0227
Osteoblast Cells, Floxed Fam20c	Mouse	SV40 T	1,000,000 cells/ml	T0038
Osteocytic Cells, Conditional (IDG-SW3)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0231
TMJ Disc Chondrocyte-Like Cells	Mouse	hTERT	1,000,000 cells/ml	T0774
TMJ Disc Fibroblast-Like Cells	Mouse	hTERT	1,000,000 cells/ml	T0773

Brain Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Astrocytes, Adult (AST-1)	Human	Fusion with tumor cells	1,000,000 cells/ml	T0783
Astrocytes, Fetal	Human	hTERT	1,000,000 cells/ml	T0281
Astrocytes, Fetal	Human	SV40 T	1,000,000 cells/ml	T0280
Cranial Suture Progenitor Cells (iSuPs)	Human	FRT or loxP-flanked SV40 T	1,000,000 cells/ml	T0697
Dopaminergic Neuronal Precursor Cells (LUHMES)	Human	v-Myc	1,000,000 cells/ml	T0284
Endoneurial Endothelial Cells (THEndEC)	Human	SV40 T	1,000,000 cells/ml	T0292
Meningioma Cells	Human	SV40 T	1,000,000 cells/ml	T9403
Microglia	Human	SV40 T	1,000,000 cells/ml	T0251

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Microvascular Endothelial Cells	Human	Ras	1,000,000 cells/ml	T0262
Microvascular Endothelial Cells	Human	SV40 T	1,000,000 cells/ml	T0259
Neuronal Progenitor Cells (Neu41)	Human	Fusion with tumor cells	1,000,000 cells/ml	T0781
Olfactory Ensheathing Glia	Human	Bmi-1 and hTERT	1,000,000 cells/ml	T0282
Olfactory Ensheathing Glia	Human	SV40 T, Bmi-1, and hTERT	1,000,000 cells/ml	T0283
Astrocytes (IMA2.1)	Mouse	SV40	1,000,000 cells/ml	T0289
Cerebellar Capillary Endothelial Cells (cerebEND)	Mouse	PmT	1,000,000 cells/ml	T0291
Cerebellum Cells (CRBL)	Mouse	p53	1,000,000 cells/ml	T0759
Cerebral Capillary Endothelial Cells (cEND)	Mouse	PmT	1,000,000 cells/ml	T0290
Endothelial Cells	Mouse	hTERT	1,000,000 cells/ml	T0277
Endothelial Cells	Mouse	SV40 T	1,000,000 cells/ml	T0276
Glial Cells (iGlia)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0243
Hypothalamic Neurons	Mouse	SV40 T	1,000,000 cells/ml	T9305
Microglia (SIM-A9)	Mouse	Spontaneous	1,000,000 cells/ml	T0247
Microvascular Endothelial Cells	Mouse	SV40 T	1,000,000 cells/ml	T0901
Neural Progenitor Cells (iNPCs)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0244
Neuronal Cells (M4b)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0674
Neuronal Cells, Trisomy 16 (MTh)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0675
Olfactory Bulb Cells (OBC1)	Mouse	c-Myc	1,000,000 cells/ml	T0235
Olfactory Bulb Cells (OBC13)	Mouse	c-Myc	1,000,000 cells/ml	T0237
Olfactory Bulb Cells (OBC6)	Mouse	c-Myc	1,000,000 cells/ml	T0236
Olfactory Bulb Cells (OBL21)	Mouse	c-Myc	1,000,000 cells/ml	T0238
Olfactory Bulb Cells (OBL21a)	Mouse	c-Myc	1,000,000 cells/ml	T0239
Olfactory Bulb Cells (OBL22)	Mouse	c-Myc	1,000,000 cells/ml	T0240
Olfactory Bulb Cells (OBL24)	Mouse	c-Myc	1,000,000 cells/ml	T0241
Schwann Cells	Mouse	Spontaneous	1,000,000 cells/ml	T0286
Schwann Cells (IKARS1)	Mouse	Spontaneous	1,000,000 cells/ml	T0798
Schwann Cells (IMS32)	Mouse	Spontaneous	1,000,000 cells/ml	T0295
Schwann Cells (IWARS1)	Mouse	Spontaneous	1,000,000 cells/ml	T0799
Schwann Cells, alpha-GalA-/- (1089C1)	Mouse	Spontaneous	1,000,000 cells/ml	T0744
Schwann Cells, C57BL6 (1970C3)	Mouse	Spontaneous	1,000,000 cells/ml	T0769
Schwann Cells, Hexb-/- (1113C1)	Mouse	Spontaneous	1,000,000 cells/ml	T0743
Schwann Cells, NPCNIH (573C10)	Mouse	Spontaneous	1,000,000 cells/ml	T0745
Arachnoid Cells	Rat	SV40 T and hTERT	1,000,000 cells/ml	T0248

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Brain Vascular Endothelial Cells (GPNT)	Rat	SV40	1,000,000 cells/ml	T0685
Enteroglial Cells (EGC)	Rat	Conditional reprogramming	1,000,000 cells/ml	T0245
Hippocampal Astrocytes, Adult	Rat	SV40	1,000,000 cells/ml	T9202
Hippocampal Cells (H19-7)	Rat	SV40 T tsA58 and U19tsa	1,000,000 cells/ml	T0359
Hypothalamus Cells (RCHT-1)	Rat	Spontaneous	1,000,000 cells/ml	T0692
Mesencephalic Cells (AF5)	Rat	SV40 T	1,000,000 cells/ml	T0358
Microglia	Rat	SV40 T	1,000,000 cells/ml	T0246
Microvascular Endothelial Cells	Rat	hTERT	1,000,000 cells/ml	T9210
Neural Stem Cells (1464R)	Rat	Spontaneous	1,000,000 cells/ml	T0746
Olfactory Ensheathing Glia	Rat	SV40 T	1,000,000 cells/ml	T0249
Schwann Cells (IFRS1)	Rat	Spontaneous	1,000,000 cells/ml	T0294
Suprachiasmatic Cells (Clone SCN 1.4)	Rat	E1A	1,000,000 cells/ml	T0852
Suprachiasmatic Nucleus Cells (SCN2.2)	Rat	E1A	1,000,000 cells/ml	T0296
Sympathoadrenal Progenitor Cells (MAH-A3)	Rat	v-Myc	1,000,000 cells/ml	T0293
Microvascular Endothelial Cells (BBrMEC)	Bovine	SV40 T	1,000,000 cells/ml	T0829
Microvascular Endothelial Cells (CBrMEC)	Canine	SV40 T	1,000,000 cells/ml	T0835
Brain Cells (DLB-1)	Sea Bass	Exposure to supernatant from SSN-1 cell line infected with snakehead retrovirus	1,000,000 cells/ml	T0730
Brain Cells (SaB-1)	Gilt-head Bream	SnRV	1,000,000 cells/ml	T0849
Brain Cells, F. heteroclitus (FuB-1)	Mummichog	SnRV	1,000,000 cells/ml	T0848

Breast Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Breast Phyllodes Tumour Cells (DHJM)	Human	SV40 T	1,000,000 cells/ml	T9302
Mammary Epithelial Cells	Human	SV40	1,000,000 cells/ml	T0450
Mammary Epithelial Cells (HMEC 2.6)	Human	hTERT	1,000,000 cells/ml	T0454
Mammary Epithelial Cells (HMEC 2.6-SV40)	Human	SV40 T and hTERT	1,000,000 cells/ml	T0455
Mammary Epithelial Cells, MUC+ESA+	Human	HPV E6/E7	1,000,000 cells/ml	T0453
Mammary Epithelial Progenitor Cells, K5+/K19+	Human	hTERT	1,000,000 cells/ml	T0452
Mammary Fibroblasts (HMF3A)	Human	SV40 T and hTERT	1,000,000 cells/ml	T0153
Mammary Fibroblasts (HMF3S)	Human	SV40 T and hTERT	1,000,000 cells/ml	T0154
Mammary Epithelial Cells (iMMEC)	Mouse	E1A and p53DD	1,000,000 cells/ml	T0451
Mammary Epithelial Cells, Prolactin-Responsive (HC11)	Mouse	Spontaneous	1,000,000 cells/ml	T0672
Breast Cells	Porcine	hTERT	1,000,000 cells/ml	T0820

Digestive Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Colon Cells	Human	hTERT	1,000,000 cells/ml	T0570
Colonic Epithelial Cells (HCEC-1CT)	Human	CDK4 and hTERT	1,000,000 cells/ml	T0715
Gastric Cells (KMU-CS12)	Human	hTERT	1,000,000 cells/ml	T0661
Intestinal Smooth Muscle Cells	Human	SV40	1,000,000 cells/ml	T9220
Pancreatic Cells	Human	c-Myc	1,000,000 cells/ml	T0158
Pancreatic Fibroblasts, Cancer Associated	Human	SV40	1,000,000 cells/ml	T9435
Pancreatic Gland Fibroblast Cells	Human	SV40	1,000,000 cells/ml	T9441
Pancreatic Islet-Derived Precursor Cells	Human	c-Myc	1,000,000 cells/ml	T0164
Pancreatic Islet-Derived Precursor Cells	Human	hTERT	1,000,000 cells/ml	T0163
Pancreatic Islet-Derived Precursor Cells	Human	Ras	1,000,000 cells/ml	T0165
Pancreatic Islet-Derived Precursor Cells	Human	SV40 T	1,000,000 cells/ml	T0162
Pancreatic Mesenchymal Stem Cells	Human	hTERT	1,000,000 cells/ml	T0168
Pancreatic Mesenchymal Stem Cells	Human	Ras	1,000,000 cells/ml	T0170
Pancreatic Mesenchymal Stem Cells	Human	SV40 T	1,000,000 cells/ml	T0167
Pancreatic Stellate Cells	Human	SV40	1,000,000 cells/ml	T9225
Pancreatic Stromal Cells (3223)	Human	SV40 and hTERT	1,000,000 cells/ml	T9430
Colonic Epithelial Cells, Conditional (YAMC)	Mouse	SV40 tsA58	1,000,000 cells/ml	T0567
Enteric Neuronal Cells	Mouse	SV40 T	1,000,000 cells/ml	T0297
Intestinal Crypt Stem Cells (iMICs)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0564
Intestinal Myofibroblasts	Mouse	SV40 T	1,000,000 cells/ml	T0565
Pancreatic Stellate Cells	Mouse	SV40	1,000,000 cells/ml	T0172
Small Intestinal Epithelial Cells (MSIE)	Mouse	SV40 tsA58	1,000,000 cells/ml	T0568
Stomach Epithelial Cells, Conditional (ImSt)	Mouse	SV40 tsA58	1,000,000 cells/ml	T0569
Intestinal Microvascular Endothelial Cells (BIntMEC)	Bovine	SV40 T	1,000,000 cells/ml	T0830
Intestinal Microvascular Endothelial Cells (CIntMEC)	Canine	SV40 T	1,000,000 cells/ml	T0836
Stomach Microvascular Endothelial Cells (CStoMEC)	Canine	SV40 T	1,000,000 cells/ml	T0840
Intestinal Epithelial Cells	Duck	SV40	1,000,000 cells/ml	T9263
Pancreatic Mesenchymal Stem Cells (iPMSCs)	Porcine	hTERT	1,000,000 cells/ml	T0851

Ear Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Otic Stem Cells, Conditional (CR-OSC)	Mouse	Conditional reprogramming	1,000,000 cells/ml	T0372
Stria Vascularis Cell Line, Conditional (SV-k1)	Mouse	SV40 T tsA58	1,000,000 cells/ml	T0784
Cochlear Microglia Cells (Mocha)	Rat	125 E1A	1,000,000 cells/ml	T0740

Embryo Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Cystic Fibrosis Fibroblasts	Mouse	Ras	1,000,000 cells/ml	T0258
Cystic Fibrosis Fibroblasts	Mouse	SV40 T	1,000,000 cells/ml	T0257
Epicardial Cells (MEC1)	Mouse	Spontaneous	1,000,000 cells/ml	T0671
Fibroblasts (MEF)	Mouse	SV40	1,000,000 cells/ml	T9443
Fibroblasts, Bcl-x	Mouse	SV40 T	1,000,000 cells/ml	T0749
Fibroblasts, PSEN1 ^{-/-} and PSEN2 ^{-/-}	Mouse	SV40 T	1,000,000 cells/ml	T0819
Hepatic Progenitor Cells (iHP)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0129
Neural Stem Cells (MuNSC)	Mouse	Spontaneous	1,000,000 cells/ml	T0817
Olfactory Placode Cells (OP27)	Mouse	SV40 T tsA58	1,000,000 cells/ml	T0787
Olfactory Placode Cells (OP6)	Mouse	SV40 T tsA58	1,000,000 cells/ml	T0786
Pericytes	Mouse	SV40 T	1,000,000 cells/ml	T0818
Fibroblasts (18IM)	Rat	GFP-S18-2	1,000,000 cells/ml	T0354
Striatal Cells (121-1I)	Rat	SV40 T	1,000,000 cells/ml	T0355
Striatal Cells (M213-1L)	Rat	SV40 T tsA58	1,000,000 cells/ml	T0757
Striatal Cells (M213-2O)	Rat	SV40 T	1,000,000 cells/ml	T0356
Striatal Cells (M26-1F)	Rat	SV40 T	1,000,000 cells/ml	T0357
Embryonic Cells (R1)	Drosophila	Ras	1,000,000 cells/ml	T0701
Embryonic Cells (R3)	Drosophila	Ras	1,000,000 cells/ml	T0702
Embryonic Cells (R4)	Drosophila	Ras	1,000,000 cells/ml	T0703
Embryonic Cells (R7)	Drosophila	Ras	1,000,000 cells/ml	T0704

Eye Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Conjunctival Epithelial Cells	Human	SV40 T	1,000,000 cells/ml	T0361
Conjunctival Fibroblasts	Human	HPV E6/E7	1,000,000 cells/ml	T0375
Conjunctival Fibroblasts	Human	SV40	1,000,000 cells/ml	T0374
Corneal Endothelial Cells (IHCE)	Human	HPV E6/E7	1,000,000 cells/ml	T0577
Corneal Epithelial Cells (HCE-S)	Human	Spontaneous	1,000,000 cells/ml	T0737
Corneal Fibroblasts (IHCF)	Human	HPV E6/E7	1,000,000 cells/ml	T0578
Corneal Keratinocytes (IHCK)	Human	HPV E6/E7	1,000,000 cells/ml	T0579
Lens Epithelial Cells	Human	SV40	1,000,000 cells/ml	T0573
Pterygium Fibroblast	Human	SV40 T	1,000,000 cells/ml	T0363
Retinal Pigment Epithelial Cells	Human	Spontaneous	1,000,000 cells/ml	T0571
Trabecular Meshwork Cells	Human	SV40 T	1,000,000 cells/ml	T0371

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Corneal Endothelial Cells, Slc4a11-/-	Mouse	SV40 T tsA58	1,000,000 cells/ml	T0699
Corneal Endothelial Cells, Slc4a11+/+	Mouse	SV40 T tsA58	1,000,000 cells/ml	T0698
Optic Nerve Astrocyte Cells	Mouse	SV40 T tsA58	1,000,000 cells/ml	T0845
Retinal Cells (MU-PH1)	Mouse	Spontaneous	1,000,000 cells/ml	T0373
Retinal Pigmented Epithelial Cells	Mouse	HPV E6/E7	1,000,000 cells/ml	T0574
Conjunctival Epithelial Cells (CJ4.1A)	Rat	SV40 T	1,000,000 cells/ml	T0368
Conjunctival Epithelial Cells (CJ4.3)	Rat	SV40 T	1,000,000 cells/ml	T0369
Retinal Capillary Endothelial Cells	Rat	SV40	1,000,000 cells/ml	T9097
Retinal Cells (E1A-NR.3)	Rat	12S E1A	1,000,000 cells/ml	T0370
Retinal Müller Cells (rMC-1)	Rat	SV40	1,000,000 cells/ml	T0576
Retinal Pigment Epithelial Cells (BPEI-1)	Rat	Spontaneous	1,000,000 cells/ml	T0731
Retinal Precursor Cells	Rat	12S E1A	1,000,000 cells/ml	T0575
Trabecular Meshwork Cells (BTM-28T)	Bovine	Spontaneous	1,000,000 cells/ml	T0844

Hair Follicle Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Dermal Papilla Cells	Human	HPV E6/E7	1,000,000 cells/ml	T0505
Dermal Papilla Cells	Human	hTERT	1,000,000 cells/ml	T0501
Dermal Papilla Cells	Human	SV40 T	1,000,000 cells/ml	T0500
Dermal Papilla Cells	Human	SV40 T and c-Myc	1,000,000 cells/ml	T0503
Dermal Papilla Cells	Human	SV40 T and hTERT	1,000,000 cells/ml	T0905
Germinal Matrix Cells	Human	SV40	1,000,000 cells/ml	T9249
Inner Root Sheath Cells	Human	SV40 and hTERT	1,000,000 cells/ml	T9233
Outer Root Sheath Cells	Human	SV40 T	1,000,000 cells/ml	T0502

Heart Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Aortic Endothelial Cells	Human	SV40 T and hTERT	1,000,000 cells/ml	T0143
Aortic Endothelial Cells (AEC-1)	Human	Fusion with tumor cells	1,000,000 cells/ml	T0777
Cardiac Fibroblasts	Human	SV40 T	1,000,000 cells/ml	T0446
Cardiomyocytes	Human	CDK4, hTERT, and BMI	1,000,000 cells/ml	T0539
Cardiomyocytes	Human	HPV E6/E7	1,000,000 cells/ml	T0538
Cardiomyocytes	Human	SV40	1,000,000 cells/ml	T0457
Cardiomyocytes	Human	SV40	1,000,000 cells/ml	T0519
Atrioventricular Cushion Mesenchymal Cells (tsA58-AVM)	Mouse	SV40 T	1,000,000 cells/ml	T0670

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Cardiomyogenic Progenitor Cells (iCP)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0449
Endothelial Cells (MCEC)	Mouse	hTERT and SV40 T	1,000,000 cells/ml	T0722
Microvascular Endothelial Cells	Mouse	SV40	1,000,000 cells/ml	T9258
Cardiomyocytes	Rat	SV40 T	1,000,000 cells/ml	T0015
Heart Cells (RTH)	Rainbow Trout	Polyoma Middle T Antigen	1,000,000 cells/ml	T0444

Liver Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Hepatic Non-Parenchymal Cells	Human	-	1,000,000 cells/ml	T0580
Hepatic Sinusoidal Endothelial Cells	Human	SV40 T	1,000,000 cells/ml	T0056
Hepatocyte Cells, Adult (MHep-2)	Human	Fusion with tumor cells	1,000,000 cells/ml	T0779
Hepatocyte Fusion-like Cells	Human	hTERT	1,000,000 cells/ml	T0824
Hepatocytes	Human	HPV E6/E7, hTERT, and MycT58A	1,000,000 cells/ml	T0054
Hepatocytes	Human	HPV E6/E7, hTERT, and MycT58A	1,000,000 cells/ml	T0063
Liver Cells, Fetal (cBAL111)	Human	hTERT	1,000,000 cells/ml	T0789
Stromal Cells, Fetal	Human	-	1,000,000 cells/ml	T0583
Total Liver Cell Population	Human	SV40 T	1,000,000 cells/ml	T0581
Hepatic Sinusoidal Endothelial Cells	Mouse	SV40 T	1,000,000 cells/ml	T0102
Hepatic Stellate Cells	Mouse	SV40 T	1,000,000 cells/ml	T0688
Hepatic Stellate Cells, MyD88 ^{-/-}	Mouse	SV40 T	1,000,000 cells/ml	T0690
Hepatic Stellate Cells, p19ARF null (M1-4 HSC)	Mouse	Spontaneous	1,000,000 cells/ml	T0761
Hepatic Stellate Cells, TLR4 ^{-/-}	Mouse	SV40 T	1,000,000 cells/ml	T0689
Hepatocyte SIMH Cells (CLOCK)	Mouse	SV40	1,000,000 cells/ml	T0750
Hepatocytes	Mouse	SV40 T	1,000,000 cells/ml	T0101
Hepatocytes, Conditional (ImHep)	Mouse	SV40	1,000,000 cells/ml	T0099
Cholangiocyte Cells, Polycystic Kidney (PCK CCL)	Rat	Spontaneous	1,000,000 cells/ml	T0828
Hepatocytes	Rat	SV40 T	1,000,000 cells/ml	T0078
Portal Myofibroblasts (RGF-N2)	Rat	SV40 T	1,000,000 cells/ml	T0069
Portal Myofibroblasts (RGF)	Rat	SV40 T	1,000,000 cells/ml	T0068
Microvascular Endothelial Cells (CLiMEC)	Canine	SV40 T	1,000,000 cells/ml	T0837
Hepatocytes	Hamster	SV40 T+t	1,000,000 cells/ml	T0071
Hepatic Progenitor Cells	Marmoset	SV40 T	1,000,000 cells/ml	T0719
Hepatocytes	Monkey	SV40 T+t	1,000,000 cells/ml	T0074
Hepatocytes	Monkey	SV40 T	1,000,000 cells/ml	T0073

Mesentery Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Mesothelial Cells	Human	HPV E6/E7	1,000,000 cells/ml	T0456
Mesothelial Cells	Human	SV40 T	1,000,000 cells/ml	T0470
Lymph Node Microvascular Endothelial Cells (BMLNMEC)	Bovine	SV40 T	1,000,000 cells/ml	T0832

Oral Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Dental Pulp Stem Cells (TP-023)	Human	hTERT	1,000,000 cells/ml	T0841
Dental Pulp Stem Cells (TP-037)	Human	hTERT	1,000,000 cells/ml	T0842
Fungiform Taste Cells	Human	SV40 T	1,000,000 cells/ml	T0029
Gingival Fibroblasts	Human	SV40 T and hTERT	1,000,000 cells/ml	T0025
Gingival Fibroblasts	Human	hTERT	1,000,000 cells/ml	T0026
Gingival Keratinocytes (HPV-16 GM)	Human	HPV E6/E7	1,000,000 cells/ml	T0717
Lingual Cells (HNLC)	Human	-	1,000,000 cells/ml	T0042
Mucosal Epithelial Cells (hTERT-OME)	Human	hTERT	1,000,000 cells/ml	T0043
Mucosal Keratinocytes	Human	HPV E6/E7	1,000,000 cells/ml	T0768
Oropharyngeal Cells	Human	-	1,000,000 cells/ml	T0041
Periodontal Ligament Cells	Human	hTERT	1,000,000 cells/ml	T0767
Periodontal Ligament Fibroblasts	Human	HPV E6/E7	1,000,000 cells/ml	T0037
Periodontal Ligament Fibroblasts	Human	SV40 T	1,000,000 cells/ml	T0044
Submandibular Gland Cells	Human	-	1,000,000 cells/ml	T0732
Tonsilar Epithelial Cells (HTE)	Human	HPV	1,000,000 cells/ml	T0721
Cementoblasts	Mouse	SV40 T	1,000,000 cells/ml	T0047
Dental Apical Papilla Progenitor Cells (iSCAP)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0048
Dental Papillar Mesenchymal Cells, Floxed Fam20c	Mouse	SV40 T	1,000,000 cells/ml	T0039

Reproductive Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Amniotic Epithelial Cells	Human	SV40 T	1,000,000 cells/ml	T0531
Amniotic Fluid Stem Cells	Human	-	1,000,000 cells/ml	T0903
Cord Blood Mesenchymal Stromal Cells (cbMSC-hTERT)	Human	hTERT	1,000,000 cells/ml	T0016
Cord Blood Mesenchymal Stromal Cells Stably Expressing RFP (cbMSC-hTERT-RFP)	Human	hTERT	1,000,000 cells/ml	T0017
Ectocervical Keratinocytes	Human	HPV E6/E7	1,000,000 cells/ml	T0821
Endocervical Epithelial Cells (A2EN)	Human	HPV E6/E7	1,000,000 cells/ml	T0595
Endometrial Stromal Cells	Human	SV40	1,000,000 cells/ml	T9201

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Endometrial Stromal Cells (HESC)	Human	hTERT	1,000,000 cells/ml	T0533
Endometrial Stromal Cells, Telomerized (SHT290)	Human	hTERT	1,000,000 cells/ml	T0739
Endometriotic Cell Line (12Z)	Human	SV40	1,000,000 cells/ml	T0764
Fallopian Tube Secretory Epithelial Cells (FT240)	Human	hTERT, CDK4, and p53	1,000,000 cells/ml	T0762
Granulosa Cells (HGL5)	Human	HPV E6/E7	1,000,000 cells/ml	T0650
Ovarian Epithelial Cells	Human	SV40	1,000,000 cells/ml	T1074
Placental Epithelial Cells	Human	SV40 T	1,000,000 cells/ml	T0530
Prostate Epithelial Cells	Human	SV40 and HPV E6/E7	1,000,000 cells/ml	T0600
Prostate Epithelial Cells (EP156T)	Human	hTERT	1,000,000 cells/ml	T0728
Prostate Smooth Muscle Cells	Human	-	1,000,000 cells/ml	T0601
Prostate Smooth Muscle Cells	Human	hTERT	1,000,000 cells/ml	T9235
Prostate Stromal Cells	Human	SV40	1,000,000 cells/ml	T0602
Prostate Stromal Cells (PM151T)	Human	hTERT	1,000,000 cells/ml	T0727
Sertoli Cells	Human	SV40 T	1,000,000 cells/ml	T0604
Testicular Cells	Human	-	1,000,000 cells/ml	T0603
Trophoblast Cells (Sw.71)	Human	hTERT	1,000,000 cells/ml	T0532
Umbilical Artery Endothelial Cells	Human	-	1,000,000 cells/ml	T0011
Umbilical Artery Smooth Muscle Cells	Human	-	1,000,000 cells/ml	T0012
Umbilical Vein Endothelial Cells	Human	SV40 T	1,000,000 cells/ml	T0014
Umbilical Vein Endothelial Cells (HUV-1)	Human	Fusion with tumor cells	1,000,000 cells/ml	T0778
Umbilical Vein Smooth Muscle Cells	Human	-	1,000,000 cells/ml	T0013
Uterine Fibroblasts	Human	-	1,000,000 cells/ml	T0610
Uterine Microvascular Endothelial Cells	Human	-	1,000,000 cells/ml	T0611
Vascular Endothelial Cells (EC-RF24)	Human	HPV E6/E7	1,000,000 cells/ml	T0003
Cogulating Gland Cells, Adult, INK4 -/- CG	Mouse	p16 and p19 knockout	1,000,000 cells/ml	T0656
Epididymal Epithelial Cells, Distal Caput (DC2)	Mouse	SV40 T	1,000,000 cells/ml	T0599
Epididymal Epithelial Cells, Proximal Caput (PC1)	Mouse	SV40 T	1,000,000 cells/ml	T0598
Leydig Cells (D-4-4)	Mouse	PmT	1,000,000 cells/ml	T0648
Ovarian Surface Epithelial Cells (iMOSEC)	Mouse	E1A and p53DD	1,000,000 cells/ml	T0608
Pancreatic Epithelial Cells, Conditional (IMPE)	Mouse	SV40	1,000,000 cells/ml	T0156
Prostate Cells, Adult Dorsolateral, INK4 -/- DLP	Mouse	p16 and p19 knockout	1,000,000 cells/ml	T0655
Prostate Cells, Adult Ventral, INK4 -/- VP	Mouse	p16 and p19 knockout	1,000,000 cells/ml	T0654
Prostate Epithelial Cells (iMPEC)	Mouse	E1A and p53DD	1,000,000 cells/ml	T0607
Sertoli Cells (D-4-A)	Mouse	PmT	1,000,000 cells/ml	T0649
Sertoli Cells (ST38c)	Mouse	SV40 T	1,000,000 cells/ml	T0652
Urogenital Sinus Mesenchymal Cells (UGSM-2)	Mouse	p16 and p19 knockout	1,000,000 cells/ml	T0653

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Decidual Cells, Conditional (GG-AD)	Rat	SV40	1,000,000 cells/ml	T0597
Luteal Cells, Conditional (GG-CL)	Rat	SV40	1,000,000 cells/ml	T0596
Ovarian Granulosa Cells	Rat	SV40 T tsA209	1,000,000 cells/ml	T0758
Steroidogenic Granulosa Cells Stably Expressing FSH Receptor (GFSHR-17)	Rat	SV40 and Ha-Ras	1,000,000 cells/ml	T0605
Steroidogenic Granulosa Cells Stably Expressing LH/CG Receptor (GLHR-15)	Rat	SV40 and Ha-Ras	1,000,000 cells/ml	T0606
Testicular Cells	Goat	SV40	1,000,000 cells/ml	T9416
Granulosa Cells (Large Follicle)	Goose	SV40 T	1,000,000 cells/ml	T9420
Endometrial Epithelial Cells (GMme1)	Mink	SV40 T	1,000,000 cells/ml	T0734
Endometrial Stromal Cells (GMms1)	Mink	SV40 T tsA58	1,000,000 cells/ml	T0751

Skeletal Muscle Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Duchenne Muscular Dystrophy Skeletal Muscle Cells (RCDMD)	Human	Conditional reprogramming	1,000,000 cells/ml	T0693
Skeletal Muscle Cells	Human	SV40 T	1,000,000 cells/ml	T0034
Skeletal Muscle Cells (SKM-1)	Human	Fusion with tumor cells	1,000,000 cells/ml	T0782
Skeletal Muscle Myoblasts	Human	SV40 T	1,000,000 cells/ml	T0033
Achilles Tendon Cells (iMAT)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0035
Calvarial Mesenchymal Progenitor Cells (iCALs)	Mouse	SV40 T	1,000,000 cells/ml	T0019
Myoblast-like Tetracycline Cell Line (RMT 6211)	Rat	SV40 T	1,000,000 cells/ml	T0696
Skeletal Myoblast Cells (L6)	Rat	Treatment with 3-methylcholanthrene	1,000,000 cells/ml	T0771
Skeletal Myoblast Cells Overexpressing GLUT4 (L6)	Rat	Treatment with 3-methylcholanthrene	1,000,000 cells/ml	T0772
Myoblast Cells (Myok9)	Canine	SV40 T	1,000,000 cells/ml	T0826

Skin Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Benign Skin Cells	Human	hTERT	1,000,000 cells/ml	T0304
Benign Skin Cells	Human	SV40 T	1,000,000 cells/ml	T0303
Dermal Microvascular Endothelial Cells	Human	HPV E6/E7	1,000,000 cells/ml	T0347
Dermal Microvascular Endothelial Cells (MVEC-1)	Human	Fusion with tumor cells	1,000,000 cells/ml	T0780
Epidermal Keratinocytes	Human	SV40 T	1,000,000 cells/ml	T0345
Epidermal Keratinocytes (SIK)	Human	Spontaneous	1,000,000 cells/ml	T0770
Foreskin Keratinocytes (HFK-16E6E7)	Human	HPV E6/E7	1,000,000 cells/ml	T0723
Melanocytes	Human	hTERT	1,000,000 cells/ml	T0462

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Melanocytes	Human	SV40 T and hTERT	1,000,000 cells/ml	T0463
Neonatal Fibroblasts	Human	hTERT	1,000,000 cells/ml	T0344
Neonatal Foreskin Keratinocytes (HKc16E6/E7-II)	Human	HPV E6/E7	1,000,000 cells/ml	T0726
Scalp Dermal Papilla Cells (KNU-201)	Human	SV40 and hTERT	1,000,000 cells/ml	T0736
Skin Fibroblasts	Human	HPV E6/E7	1,000,000 cells/ml	T0904
Skin Fibroblasts	Human	hTERT	1,000,000 cells/ml	T0326
Skin Fibroblasts	Human	Ras	1,000,000 cells/ml	T0328
Skin Fibroblasts	Human	SV40 T	1,000,000 cells/ml	T0302
Dermal Papilla Cells (iDP6)	Mouse	SV40 T	1,000,000 cells/ml	T0720
Epidermal Keratinocytes (CDC25A 8b)	Mouse	Spontaneous	1,000,000 cells/ml	T0298
Epidermal Keratinocytes (CDC25A F7)	Mouse	Spontaneous	1,000,000 cells/ml	T0299
Epidermal Keratinocytes, EGFR Mutant M3-/-	Mouse	Spontaneous	1,000,000 cells/ml	T0461
Epidermal Keratinocytes, EGFR Mutant M4 -/-	Mouse	Spontaneous	1,000,000 cells/ml	T0460
Epidermal Keratinocytes, M4+/-	Mouse	Spontaneous	1,000,000 cells/ml	T0459
Melanoblasts, Intermediately Differentiated (iMC37)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0320
Melanocytes	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0466
Melanocytes, Late Stage (iMC65)	Mouse	loxP-flanked SV40 T	1,000,000 cells/ml	T0319
Melanocytes, Progenitor-Like (iMC23)	Mouse	SV40 T	1,000,000 cells/ml	T0318
Skin Keratinocytes, Multimammate (Kera5)	Mouse	Spontaneous	1,000,000 cells/ml	T0763
Sweat Gland Myoepithelial Cells (iEM)	Mouse	hTERT and SV40 Tt	1,000,000 cells/ml	T0816
Skin Microvascular Endothelial Cells (BSkMEC)	Bovine	SV40 T	1,000,000 cells/ml	T0833
Dermal Fibroblast	Canine	c-Myc	1,000,000 cells/ml	T0267
Dermal Fibroblast	Canine	EBV	1,000,000 cells/ml	T0274
Dermal Fibroblast	Canine	hTERT	1,000,000 cells/ml	T0266
Dermal Fibroblast	Canine	Ras	1,000,000 cells/ml	T0268
Dermal Fibroblast	Canine	SV40 T	1,000,000 cells/ml	T0265
Skin Microvascular Endothelial Cells (CSkMEC)	Canine	SV40 T	1,000,000 cells/ml	T0839

Spleen Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Dendritic Cells (MutuDC1940)	Mouse	SV40 T	1,000,000 cells/ml	T0528
Dendritic Cells, Tumour (CD4 ⁻ MutuDC2)	Mouse	SV40 T	1,000,000 cells/ml	T0790
Spleen Dendritic Cells (SRDC)	Mouse	SV40 T	1,000,000 cells/ml	T0140

Thyroid/Endocrine Tissue | Available Cell Lines

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Adrenocortical Cells	Human	hTERT	1,000,000 cells/ml	T0621
Thyrocytes	Human	SV40	1,000,000 cells/ml	T0421
Pituitary Gland Progenitor Cells (α T1-1)	Mouse	SV40 T	1,000,000 cells/ml	T0724
Thyrotrope Cells (TaT-1)	Mouse	SV40 T	1,000,000 cells/ml	T0800
Parathyroid Cells	Bovine	SV40 T	1,000,000 cells/ml	T0411
Thyrocytes	Bovine	c-Myc	1,000,000 cells/ml	T0403
Thyrocytes	Bovine	hTERT	1,000,000 cells/ml	T0404
Thyrocytes	Bovine	Ras	1,000,000 cells/ml	T0402
Thyrocytes	Bovine	SV40 T	1,000,000 cells/ml	T0401

Urinary Tissue | Available Cell Lines

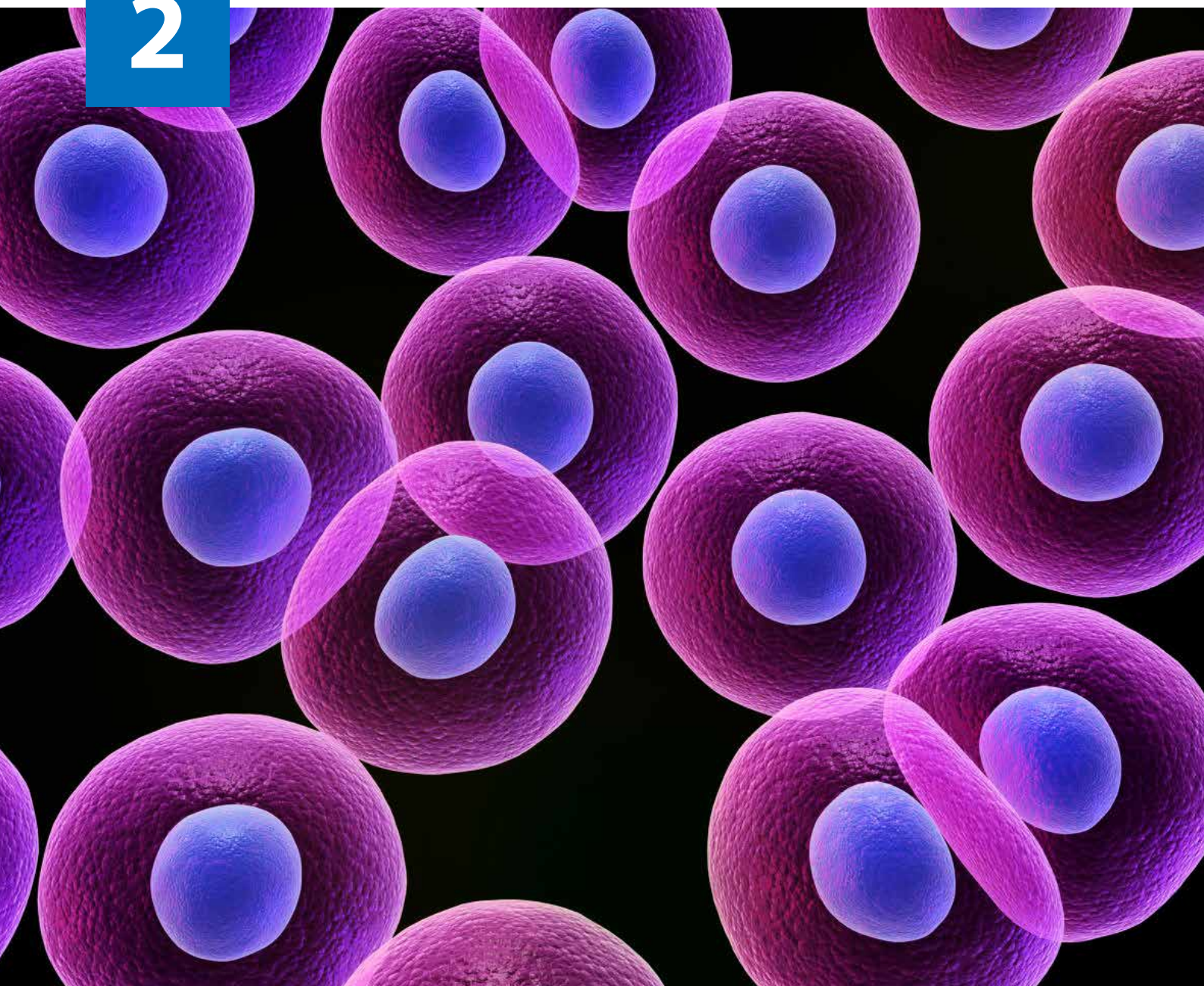
Cell Type	Species	Immortalization Method	Unit	Cat. No.
Bladder Microvascular Endothelial Cells	Human	SV40	1,000,000 cells/ml	T0618
Bladder Smooth Muscle Cells (HNBdSMC)	Human	hTERT	1,000,000 cells/ml	T9265
Glomerular Epithelial Cells (HGEC)	Human	SV40 T	1,000,000 cells/ml	T0694
Glomerular Mesangial Cells (T-HMC)	Human	SV40 T and H-ras	1,000,000 cells/ml	T0695
Mesangial Cells	Human	HPV E6/E7	1,000,000 cells/ml	T0612
Nephroblastoma Cells	Human	HPV E6/E7	1,000,000 cells/ml	T0353
Proximal Tubule Cells (HPCT-03ts)	Human	SV40 T ts	1,000,000 cells/ml	T0748
Proximal Tubule Cells (HPCT-05wt)	Human	SV40 T	1,000,000 cells/ml	T0747
Renal Cortical Epithelial Cells	Human	-	1,000,000 cells/ml	T0614
Renal Epithelial Cells	Human	SV40	1,000,000 cells/ml	T0616
Renal Medullary Epithelial Cells	Human	-	1,000,000 cells/ml	T0615
Renal Proximal Tubule Cells	Human	SV40 T and hTERT	1,000,000 cells/ml	T0613
Urinary Bladder Smooth Muscle Cells	Human	-	1,000,000 cells/ml	T0617
Urothelial Cells	Human	-	1,000,000 cells/ml	T0619
Urothelial Cells (NHU)	Human	hTERT	1,000,000 cells/ml	T0785
Bladder Epithelial Cells	Mouse	hTERT	1,000,000 cells/ml	T9203
Cortical Collecting Duct Cell Line (mCCD(c1))	Mouse	Spontaneous	1,000,000 cells/ml	T0620
Distal Tubule Cells (KDT3)	Mouse	Spontaneous	1,000,000 cells/ml	T0641
Glomerular Endothelial Cells	Mouse	Spontaneous	1,000,000 cells/ml	T0791
Glomerular Epithelial Cells	Mouse	Spontaneous	1,000,000 cells/ml	T0793
Glomerular Mesangial Cells	Mouse	Spontaneous	1,000,000 cells/ml	T0792
Mesangial Cells	Mouse	SV40 T	1,000,000 cells/ml	T0623
Proximal Tubule Cells (KPT11)	Mouse	Spontaneous	1,000,000 cells/ml	T0640

Cell Type	Species	Immortalization Method	Unit	Cat. No.
Proximal Tubule Cells, AT1A Knockout	Mouse	SV40 tsA58	1,000,000 cells/ml	T0626
Proximal Tubule Cells, AT1A/AT1B Double Knockout	Mouse	SV40 tsA58	1,000,000 cells/ml	T0628
Proximal Tubule Cells, AT1B Knockout	Mouse	SV40 tsA58	1,000,000 cells/ml	T0627
Proximal Tubule Cells, AT2 Knockout	Mouse	SV40 tsA58	1,000,000 cells/ml	T0625
Proximal Tubule Cells, Conditional	Mouse	SV40 tsA58	1,000,000 cells/ml	T0624
Renal Epithelial Cells	Mouse	HPV E6/E7	1,000,000 cells/ml	T0085
Renal Epithelial Cells, Infant (iBMK)	Mouse	E1A and p53DD	1,000,000 cells/ml	T0082
Renal Eptesicus fuscus Cells	Bat	Myotis Polyomavirus T	1,000,000 cells/ml	T0827
Kidney Cells, Fetal	Bovine	SV40 T	1,000,000 cells/ml	T0081
Renal Podocytes	Canine	SV40 T	1,000,000 cells/ml	T0087
Renal Podocytes	Canine	SV40 T tsA58	1,000,000 cells/ml	T0036
Kidney Cells (extEqFK)	Equine	HPV E6/E7	1,000,000 cells/ml	T0084
Renal Fibroblast Cells (PFC)	Porcine	pTERT	1,000,000 cells/ml	T0760
Metanephric Mesenchymal Precursor Cells (KMM)	Rat	KSHV	1,000,000 cells/ml	T0622
Proximal Tubule Cells	Sheep	-	1,000,000 cells/ml	T0902



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2



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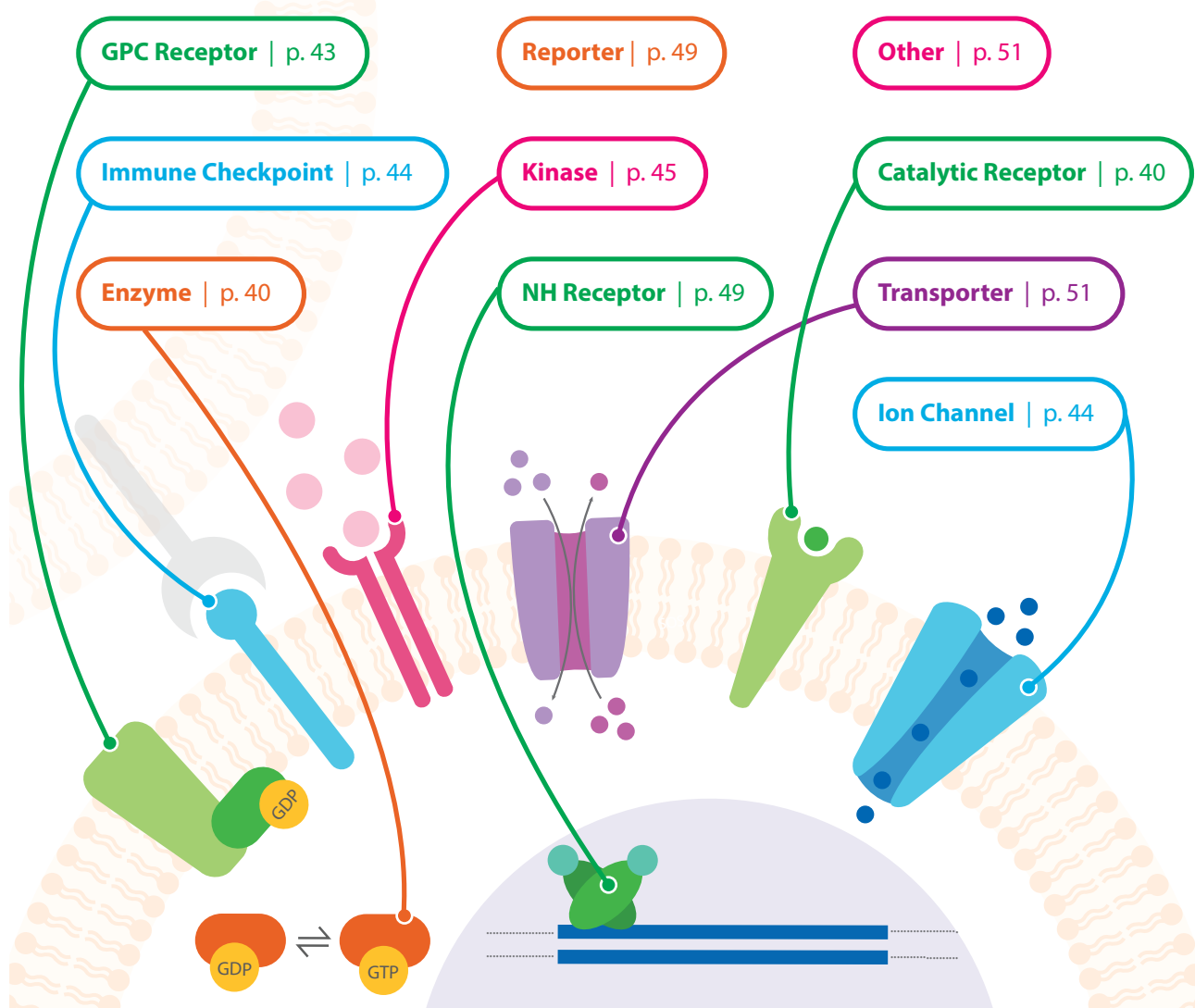
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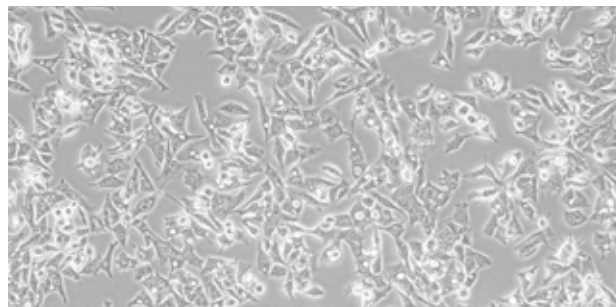
Reporter | Featured Cell Line

AZ-AHR-Luc-Expressing HepG2 Cell Line

The Aryl hydrocarbon receptor (AhR) is a ligand-activated transcriptional factor that regulates genes implicated in drug metabolism, cell proliferation, immune responses, circadian rhythm and tumor promotion. Due to the numerous and varied effects that AhR activation may have on the cell, research investigating novel AhR ligands is important for drug interactions and chemically induced carcinogenesis. The AZ-AHR Stable HepG2 Luciferase Reporter Cell Line is a sophisticated and highly sensitive tool for gene reporter assays through the dose- and time-dependent induction of luciferase activity in response to various AhR ligands.

Specifications

- Source Organ: Liver
- Method: Lipofectamine transfection
- Selection: Hygromycin B



Ordering Information

Cat. No.	T3102
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

Novotna, A et al. "Novel stably transfected gene reporter human hepatoma cell line for assessment of aryl hydrocarbon receptor transcriptional activity: construction and characterization" *Environmental Science Technology* 45:10133-10139 (2011). PubMed: 22017252.

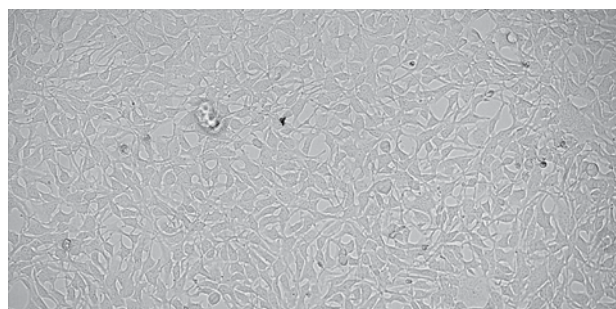
Catalytic Receptor | Featured Cell Line

NLRP3-Expressing HEK293 Cell Line (huNLRP3-flag)

Stable HEK293 Expressing Human NLRP3 Cell Line (huNLRP3-flag) were established through stable lipofectamine transfection of the flag-tagged human NLRP3 gene to parental HEK293 cells. Monoclonal selection via 1 mg/ml G418 was conducted to maintain a selection pressure. The cell line established may be used to study NLRP3 inflammasome, which is highly expressed in macrophages, and its association with the inflammatory pathway.

Specifications

- Source Organ: Kidney
- Method: Lipofectamine transfection
- Selection: Neomycin



Ordering Information

Cat. No.	T6317
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

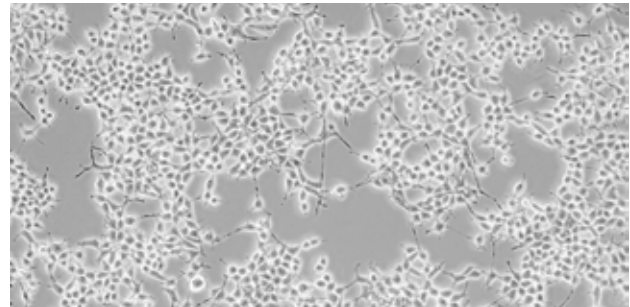
Schoenauer, R. et al. (2014). P2X7 receptors mediate resistance to toxin-induced cell lysis. *Biochimica et biophysica acta*, 1843(5), 915–922. <https://doi.org/10.1016/j.bbamcr.2014.01.024>

Prothrombin (R393Q Mutant)-Expressing HEK293 Cell Line

Mannan-binding lectin-associated serine protease-1 (MASP-1) is a protein of the lectin pathway. It's similar in terms of structural features and substrate specificity to thrombin. Via its ability to induce fibrin clot formation along with interplay with several coagulation factors, MASP-1 has been shown to activate prothrombin. With the Prothrombin Mutant (R393Q) Stable Expressing HEK293 Cell Line, you can investigate in detail the mechanism of MASP-1 in mediating prothrombin activation.

Specifications

- Source Organ: Kidney
- Method: Lipofectamine transfection
- Selection: Neomycin



Ordering Information

Cat. No.	T6353
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

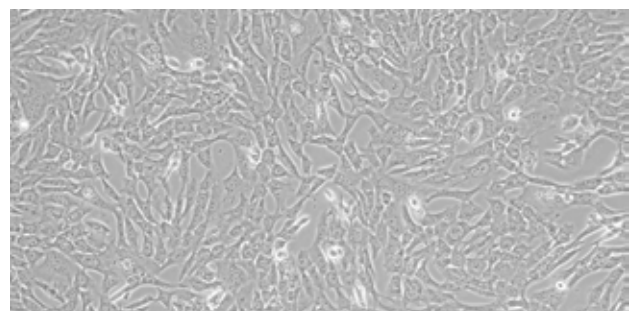
Jenny, L., Dobó, J., Gál, P., & Schroeder, V. (2015). MASP-1 Induced Clotting – The First Model of Prothrombin Activation by MASP-1. PLOS ONE, 10(12), e0144633. doi:10.1371/journal.pone.0144633.

Nav2.1/ β 1/Contactin-Expressing Chinese Hamster Lung Cell Line

Voltage-sensitive sodium channels are heteromultimeric membrane proteins that initiate action potentials in most excitable cells and contain a pore-forming α subunit in association with auxiliary β subunits. In the Na^{+2} channel signaling complex, the glycosyl-phosphatidylinositol (GPI)-anchored protein, contactin helps regulate surface density of these channels. The Nav2.1/ β 1/Contactin Stable Chinese Hamster Lung (CHL) Cell Line stably expresses rat Nav2.1 and β 1 sodium channel subunits and mouse contactin. This cell line expresses increased Na^{+2} channel density on the surface membrane, making it a useful model for studying neuronal Na^{+2} channel assembly and distributions.

Specifications

- Source Organ: Lung
- Method: Transfection with pCDM8. β 1
- Selection: Hygromycin B



Ordering Information

Cat. No.	T3030
Species	Hamster
Unit	1,000,000 cells/ml

Featured Reference

Kazarinova-Noyes, K et al. "Contactin associates with Na^{+} channels and increases their functional expression" J Neurosci. 21(19):7517-25 (2001). PubMed: 11567041.

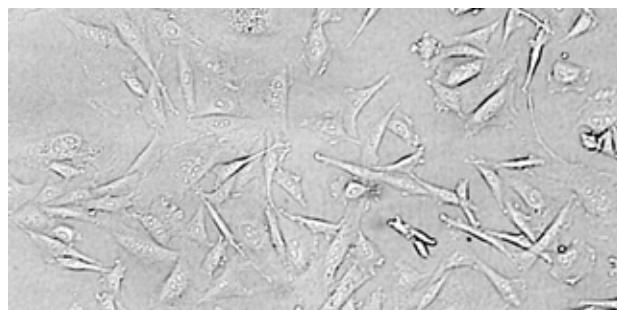
Immune Checkpoint | Featured Cell Line

TIM3-Expressing CHO-K1 Cell Line

CHO-K1 Cells were transfected with HAVCR2 Lentiviral Vector (pLenti-GIII-CMV-GFP-2A-Puro) (LV710795) to generate the Stable TIM3 Expressing CHO-K1 Cell Line. The cells were selected against puromycin-resistance and display adherent growth property with epithelial morphology. The Stable TIM3 Expressing CHO-K1 Cell Line is also positive for GFP-expression. The cells can be used in studies focusing on HAVCR2 gene and the TIM3 pathway with its interaction with the PD1 pathway. Other applications for the Stable TIM3 Expressing CHO-K1 Cell Line include positive control for western blot or binding assays.

Specifications

- Source Organ: Lung
- Method: Transfection with HSVCR2
- Selection: Puromycin



Ordering Information

Cat. No.	T6121
Species	Hamster
Unit	1,000,000 cells/ml

Featured Reference

Schlaepfer, I. R et al. "Inhibition of Lipid Oxidation Increases Glucose Metabolism and Enhances 2-Deoxy-2-[18F]Fluoro-d-Glucose Uptake in Prostate Cancer Mouse Xenografts." *Molecular Imaging and Biology* 4:529-538 (2015). DOI: 10.1007/s11307-014-0814-4.

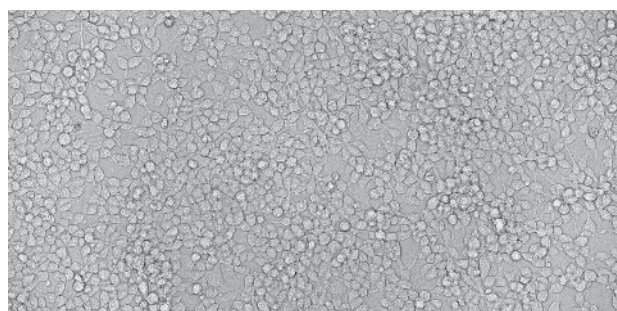
Transporter | Featured Cell Line

DMT1 (Mouse)-Expressing HEK293T Cell Line

Stable HEK293T Expressing Mouse DMT1 Cell Line overexpresses the divalent metal transporter-1 (DMT1) introduced to the HEK293T cells via transfection with DMT1 cDNA. The cell line is useful for the cell-based screening of small molecule inhibitors of iron uptake due to metal-sensitive calcein fluorescence. Hence a unique feature is that in the presence of iron, calcein fluorescence is quenched. Therefore, the Stable HEK293T Expressing Mouse DMT1 Cell Line may be used for calcein fluorescence quenching to assay for iron transporter inhibitors to gain more insight on iron uptake.

Specifications

- Source Organ: Kidney
- Method: Transfection with DMT1 cDNA
- Selection: Puromycin



Ordering Information

Cat. No.	T6000
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

Herbert, AW et al. "Small-Molecule Screening Identifies the Selenazal Drug Ebselen as a Potent Inhibitor of DMT1-Mediated Iron Uptake" *Chemistry & Biology* 13:965-972 (2006). DOI: 10.1016/j.chembiol.2006.08.005.

Catalytic Receptor | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
AIZ-AR-Luc-Expressing 22Rv1 Cell Line	Human	1,000,000 cells/ml	T3104
AZ-AHR-Luc-Expressing HepG2 Cell Line	Human	1,000,000 cells/ml	T3102
AZ-GR-Luc-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T3103
BMP9-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T3168
ECD GC-B-Expressing HEK293T Cell Line (GCB-435)	Human	1,000,000 cells/ml	T6037
FGFR1-Expressing HCC827 Cell Line	Human	1,000,000 cells/ml	T6464
FGFR1-Expressing PC9 Cell Line	Human	1,000,000 cells/ml	T6465
GC-B-Expressing HEK293T Cell Line (GCB-Full)	Human	1,000,000 cells/ml	T6036
GRPR-Luc-Expressing PC3 Cell Line	Human	1,000,000 cells/ml	T3021
LTB4R-Expressing HL-60 Cell Line	Human	1,000,000 cells/ml	T6026
NLRP3-Expressing HEK293 Cell Line (huNLRP3-FLAG)	Human	1,000,000 cells/ml	T6317
NLRP3-Expressing HEK293 Cell Line (huNLRP3-YFP)	Human	1,000,000 cells/ml	T6318
NOD1 Knockdown AGS Cell Line (AGS cl.1)	Human	1,000,000 cells/ml	T6189
NOD1 Knockout AGS Cell Line (41A8)	Human	1,000,000 cells/ml	T6187
NOD1 Knockout AGS Cell Line (41H8)	Human	1,000,000 cells/ml	T6188
PZ-TR-Luc-Expressing HepG2 Cell Line	Human	1,000,000 cells/ml	T3177
TLR2-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T3059
VEGF-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T9622
hTLR4-Expressing (mTLR4-/-) Hepatic Stellate Cell Line	Mouse	1,000,000 cells/ml	T6104
IFN Receptor (Type I) Knockout Dendritic Cell Line	Mouse	1,000,000 cells/ml	T3036
TLR3 Knockout Dendritic Cell Line	Mouse	1,000,000 cells/ml	T3034
TLR9 Knockout Dendritic Cell Line	Mouse	1,000,000 cells/ml	T3035
SSAO/VAP-1 A7r5-Expressing Cell Line	Rat	1,000,000 cells/ml	T3155
TP53 Knockout K9 Fetus 1 Cell Line	Dog	1,000,000 cells/ml	T6405
EGFR-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T6255
EGFR-K721A-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T6256
Integrin-Expressing CHO-B2 Cell Line	Hamster	1,000,000 cells/ml	T6195
TLR2 and CD14-Expressing CHO Cell Line (3E10 TLR2)	Hamster	1,000,000 cells/ml	T6437
TLR4 and CD14-Expressing CHO Cell Line (3E10 TLR4)	Hamster	1,000,000 cells/ml	T6436

Enzyme | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
ACE2-Expressing 293 Cell Line	Human	1,000,000 cells/ml	T6799
ACE2-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6029

Cell Type	Species	Unit	Cat. No.
ACE2-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6044
Akt (Pleckstrin Homology Domain)-YFP (Membrane)-Expressing MCF7/B2 Cell Line (Luc-Akt-PH/YFP)	Human	1,000,000 cells/ml	T3160
Akt (Pleckstrin Homology Domain)-YFP (Membrane)-Expressing MCF7/B2 Cell Line (Luc-Akt-PH/YFP)	Human	1,000,000 cells/ml	T3161
ARP1-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6342
aSYN-IRES-GFP (A30P Mutant)-Expressing LUHMES Cell Line	Human	1,000,000 cells/ml	T6454
aSYN-IRES-GFP (A53T Mutant)-Expressing LUHMES Cell Line	Human	1,000,000 cells/ml	T6455
aSYN-IRES-GFP-Expressing LUHMES Cell Line	Human	1,000,000 cells/ml	T6456
CA-MEK5-Expressing HCT116 Cell Line	Human	1,000,000 cells/ml	T6444
CAP1 Knockdown AsPC-1 Cell Line	Human	1,000,000 cells/ml	T6403
CAP1 Knockdown PANC-1 Cell Line	Human	1,000,000 cells/ml	T6404
CDK9-FLAG (SEC Component)-Expressing HeLa S3 Cell Line	Human	1,000,000 cells/ml	T6389
CYP24A1-Expressing LS180 Cell Line	Human	1,000,000 cells/ml	T6112
CYP3A5 (Double Deletion)-Expressing HuH-7 Cell Line	Human	1,000,000 cells/ml	T6346
CYP3A5 (Point Mutation)-Expressing HuH-7 Cell Line	Human	1,000,000 cells/ml	T6348
CYP3A5 (Single Deletion)-Expressing HuH-7 Cell Line	Human	1,000,000 cells/ml	T6347
DN-MEK5-Expressing HCT116 Cell Line	Human	1,000,000 cells/ml	T6445
EZH2-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6205
FUT8-Overexpressing HEK293S (GnT I-/-) Cell Line	Human	1,000,000 cells/ml	T6010
GALE Knockout HEK293T Cell Line (Clone 4)	Human	1,000,000 cells/ml	T6150
GALK1 and GALE Knockout HEK293T Cell Line	Human	1,000,000 cells/ml	T6151
GALK1 Knockout HEK293T Cell Line	Human	1,000,000 cells/ml	T6153
GALK2 and GALE Knockout HEK293T Cell Line	Human	1,000,000 cells/ml	T6152
GALK2 Knockout HEK293T Cell Line	Human	1,000,000 cells/ml	T6154
GAPDH Knockdown HEK293T Cell Line (GAPDH-KD)	Human	1,000,000 cells/ml	T6160
GPX4-Overexpressing HT-1080 Cell Line	Human	1,000,000 cells/ml	T6392
HA-SirT3-Expressing 293 T-Rex Cell Line	Human	1,000,000 cells/ml	T6248
HepG2-Expressing ADH1 Cell Line (VA-13)	Human	1,000,000 cells/ml	T3195
IDH1 siRNA-RFP-Expressing NHA IDHmut Cell Line	Human	1,000,000 cells/ml	T6043
INPP4A-Expressing BJAB Cell Line	Human	1,000,000 cells/ml	T6322
INPP4A-Expressing Raji Cell Line	Human	1,000,000 cells/ml	T6321
IRES-GFP-Expressing LUHMES Cell Line	Human	1,000,000 cells/ml	T6457
K-Ras (G12C Mutant)-Expressing AALE Cell Line	Human	1,000,000 cells/ml	T6197
KLK4-KLKP1-Expressing RWPE-1 Cell Line	Human	1,000,000 cells/ml	T6391
Klotho-Expressing HLEB-3 Cell Line (Polyclonal)	Human	1,000,000 cells/ml	T9738
lacZ-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6127
LSD1 Knockdown SW480 Cell Line	Human	1,000,000 cells/ml	T6449

Cell Type	Species	Unit	Cat. No.
NMDA (amino-terminal domain, ATD)-Expressing 293T cell line	Human	1,000,000 cells/ml	T6340
Nox5-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6309
PC4 Knockdown HEK293T Cell Line	Human	1,000,000 cells/ml	T6411
PKCa-Expressing MCF-7 Cell Line (MCF-7/PKCa20)	Human	1,000,000 cells/ml	T6115
PNKP-FLAG-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6126
Prothrombin (R393Q Mutant)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6353
PSMA- (PSMA/FOLH1/Carboxypeptidase II) and GFP-Expressing U87MG/ Δ EGFR Cell Line	Human	1,000,000 cells/ml	T6206
Ras-Overexpressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6012
Rpn11-HTBH-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6007
SIRT1 Knockout 293T Cell Line	Human	1,000,000 cells/ml	T3176
SIRT1 Knockout DLD-1 Cell Line	Human	1,000,000 cells/ml	T3174
SIRT1 Knockout RKO Cell Line	Human	1,000,000 cells/ml	T3172
SIRT1-Expressing 293T Cell Line	Human	1,000,000 cells/ml	T3175
SIRT1-Expressing DLD-1 Cell Line	Human	1,000,000 cells/ml	T3173
SIRT10Expressing RKO Cell Line	Human	1,000,000 cells/ml	T3171
SIRT7 (Scrambled)-Expressing H1299 Cell Line	Human	1,000,000 cells/ml	T6259
SIRT7 (Scrambled)-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6258
SIRT7 Knockdown H1299 Cell Line	Human	1,000,000 cells/ml	T6165
SIRT7 Knockdown HeLa Cell Line	Human	1,000,000 cells/ml	T6164
VDRE-I CYP24A1-Expressing LS180 Cell Line	Human	1,000,000 cells/ml	T6113
ACE2-Expressing NIH3T3 Cell Line	Mouse	1,000,000 cells/ml	T6045
Akt1-Expressing NIH3T3 Cell Line	Mouse	1,000,000 cells/ml	T6333
COX10 Knockout Fibroblast Cell Line	Mouse	1,000,000 cells/ml	T6303
PSEN1 (Human, C410Y Mutant)-Expressing MEF Psen1/2(-/-) Cell Line	Mouse	1,000,000 cells/ml	T6442
PSEN1 (Human, D257A Mutant)-Expressing MEF Psen1/2(-/-) Cell Line	Mouse	1,000,000 cells/ml	T6440
PSEN1 (Human, L435F Mutant)-Expressing MEF Psen1/2(-/-) Cell Line	Mouse	1,000,000 cells/ml	T6443
PSEN1 (Human, R278I Mutant)-Expressing MEF Psen1/2(-/-) Cell Line	Mouse	1,000,000 cells/ml	T6441
PSEN1-Expressing MEF Psen1/2(-/-) Cell Line	Mouse	1,000,000 cells/ml	T6439
PTEN Knockout MEF Cell Line	Mouse	1,000,000 cells/ml	T6179
PTEN-Expressing MEF Cell Line	Mouse	1,000,000 cells/ml	T6180
Raf1 FF/FF Knock-in MEF Cell Line	Mouse	1,000,000 cells/ml	T6107
RAF1 Knockout MEF Cell Line	Mouse	1,000,000 cells/ml	T6106
GAD67 (Human)-Expressing Embryonic Striatal Cell Line (M213-20 CL2)	Rat	1,000,000 cells/ml	T3400
GAD67 (Human)-Expressing Embryonic Striatal Cell Line (M213-20 CL4)	Rat	1,000,000 cells/ml	T3401
GAD67 (Human)-Expressing Embryonic Striatal Cell Line (M213-20 CL5)	Rat	1,000,000 cells/ml	T3402

Cell Type	Species	Unit	Cat. No.
ACE2-Expressing COS-7 Cell Line	African Green Monkey	1,000,000 cells/ml	T6046
SIAT1-Expressing MDCK Cell Line (MDCK-SIAT1)	Canine	1,000,000 cells/ml	T6999
ACE2-Expressing CHO-K1 Cell Line	Hamster	1,000,000 cells/ml	T6796
CPS I and OTC-Expressing CHO Cell Line (CHO-CPS45-22-OTC1-A19)	Hamster	1,000,000 cells/ml	T6178
CPS I-Expressing CHO Cell Line (CHO-CPS45-22)	Hamster	1,000,000 cells/ml	T6177
GADD34 (Q525X Mutant)-Expressing CHO-K1 Cell Line (CHO-K1-G34M)	Hamster	1,000,000 cells/ml	T6980
GALE (Human, C307Y Mutant)-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T3199
GALE (Human, G90E Mutant)-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T3197
GALE (Human, HA-Tagged)-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T3196
GALE (Human, V94M Mutant)-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T3198
Mgat2 Knockout CHO Cell Line (K16)	Hamster	1,000,000 cells/ml	T6008

G Protein-Coupled Receptor | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
A1, GIRK1, and GIRK2A-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6473
AMY3-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6257
BAI3-Expressing Medulloblastoma Cell Line (PFSK-1)	Human	1,000,000 cells/ml	T6300
BAI3-Expressing Medulloblastoma Cell Line (UW288-1)	Human	1,000,000 cells/ml	T6299
CD4 and CCR5-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6332
D2 dopamine receptor (C-terminally tagged with RLuc8)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6119
D2 dopamine receptor (RRR-ERE, Mutant 5)(C-terminally tagged with RLuc8)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6120
GIRK1 and GIRK2A-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6474
GRPR-Luc-Expressing PC3 Cell Line	Human	1,000,000 cells/ml	T3021
M2, GIRK1 and GIRK4-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6472
M3R-GFP-Expressing HEK293 Cell Line (M3R-GFP)	Human	1,000,000 cells/ml	T6244
P2Y4-Expressing Astrocytoma Cell Line	Human	1,000,000 cells/ml	T6191
SEP-PTHR-Expressing Cell Line	Human	1,000,000 cells/ml	T6301
T2R1-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6137
T2R10-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6140
T2R14-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6141
T2R39-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6144
T2R4-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6138
T2R44-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6143
T2R49-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6142

Cell Type	Species	Unit	Cat. No.
T2R7-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6139
Thromboxane A2 receptor (A160T Mutant)-Expressing HEK293S-TetR Cell Line	Human	1,000,000 cells/ml	T3164
Thromboxane A2 receptor (A160T Mutant)-Expressing HEK293S-TetR GnTI-Cell Line	Human	1,000,000 cells/ml	T3165
Thromboxane A2 receptor-Expressing HEK293S-TetR Cell Line	Human	1,000,000 cells/ml	T3162
Thromboxane A2 receptor-Expressing HEK293S-TetR GnTI- Cell Line	Human	1,000,000 cells/ml	T3163
CC CKR1-Expressing L1.2 Cell Line	Mouse	1,000,000 cells/ml	T6306
CC CKR2B-Expressing L1.2 Cell Line	Mouse	1,000,000 cells/ml	T6307
CCKBR-Expressing NIH3T3 Cell Line (NIH3T3-hCCKBR)	Mouse	1,000,000 cells/ml	T6198
OGR1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T6308
TSHR (Human)-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T6476

Immune Checkpoint | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
TIM3-Expressing CHO-K1 Cell Line	Hamster	1,000,000 cells/ml	T6121

Ion Channel | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
Aquaporin-4-Expressing 293 Cell Line	Human	1,000,000 cells/ml	T3002
Cx26-Expressing BxPC-3 Cell Line	Human	1,000,000 cells/ml	T3166
GCaMP6s-P2A-ORAI1-(Opto-CRAC)2-P2A-NFAT-mCh-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6486
ORAI1-GFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6488
ORAI1, 2, and 3 Triple Knockout HEK293 Cell Line (ORAI-TKO)	Human	1,000,000 cells/ml	T6490
P2X7 (Human)-Expressing HEK293 Cell Line (HEK hu p2x7)	Human	1,000,000 cells/ml	T6316
P2X7 (Rat)-Expressing HEK293 Cell Line (HEK rt p2x7)	Human	1,000,000 cells/ml	T6315
Ryanodine Receptor 1-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T3037
TPC2 (Human, G734E/L564P Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6380
TPC2 (Human, L564P Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6378
TPC2 (Human, LL/AA Mutant)-RFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6382
TPC2 (Human, M484L/G734E/L564P Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6381
TPC2 (Human, M484L/L564P Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6379
TRPML1 (Human, F465L Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6374
TRPML1 (Human, LL/AA Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6375
TRPML1 (Human, R408A Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6371

Cell Type	Species	Unit	Cat. No.
TRPML1 (Human, V446L Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6373
TRPML1 (Human, Y436C Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6372
TRPML1 (Human)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6370
TRPML2 (Human)-GFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6376
TRPML3 (Human)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6377
$\alpha 3$ nAChR-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6422
$\alpha 3\alpha 5\beta 2$ nAChR-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6421
$\alpha 3\beta 2$ nAChR-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6419
$\alpha 3\beta 2\beta 4$ nAChR-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6420
$\beta 2$ nAChR-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6423
Nav2.1/ $\beta 1$ /Contactin-Expressing Chinese Hamster Lung Cell Line	Hamster	1,000,000 cells/ml	T3030
TASK-1 (Rat)-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T6336
TASK-1 and TASK-3 (Rat)-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T6338
TASK-3 (Rat)-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T6337
KIR6.1 (Mouse)-Expressing COS1 Cell Line	Monkey	1,000,000 cells/ml	T6399
KIR6.2 (Mouse)-Expressing COS1 Cell Line	Monkey	1,000,000 cells/ml	T6400

Kinase | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
Deoxycytidine Kinase Deficient T Lymphoblast Cell Line (AraC-8C)	Human	1,000,000 cells/ml	T3157
FGFR1-Expressing U2OS Cell Line	Human	1,000,000 cells/ml	T6017
FRK Knockout H1299 Cell Line	Human	1,000,000 cells/ml	T9505
MuSK-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T3005
NLK Knockout A549 Cell Line	Human	1,000,000 cells/ml	T9510
Smad4-Expressing SW480 Cell Line	Human	1,000,000 cells/ml	T6011
AATK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3134
ABL1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3100
ABL2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3101
ALK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3062
AXL-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3064
BLK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3086
BMX-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3146
BTK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3147
c-Kit (D816F Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3053
c-Kit (D816H Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3052
c-Kit (D816V Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3040
c-Kit (D816Y Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3054

Cell Type	Species	Unit	Cat. No.
c-Kit (GNNK- isoform)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3041
c-Kit (GNNK+ isoform)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3042
c-Kit (K642E Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3056
c-Kit (N705A Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3049
c-Kit (N705A/N938A Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3051
c-Kit (N938A Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3050
c-Kit (V560D Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3055
c-Kit (Y568F Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3043
c-Kit (Y568F/Y570F Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3045
c-Kit (Y570F Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3044
c-Kit (Y703F Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3046
c-Kit (Y703F/Y936F Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3048
c-Kit (Y721F Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3057
c-Kit (Y823F Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3058
c-Kit (Y936F Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3047
CSF1R-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3138
CSK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3120
DDR1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3122
DDR2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3123
EGFR and Erbb2 Conditional Knockdown Skin Keratinocyte Cell Line (B1B2F3)	Mouse	1,000,000 cells/ml	T3184
EGFR Conditional Knockdown Skin Keratinocyte Cell Line (Egfr2)	Mouse	1,000,000 cells/ml	T3186
EGFR-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3106
EPHA1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3067
EPHA10-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3126
EPHA2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3108
EPHA3-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3127
EPHA4-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3099
EPHA5-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3068
EPHA6-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3128
EPHA7-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3069
EPHA8-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3070
EPHB1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3109
EPHB2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3110
EPHB3-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3129
EPHB4-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3112
ERBB2 and ERBB3-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T6254

Cell Type	Species	Unit	Cat. No.
ErbB2 Conditional Knockdown Skin Keratinocyte Cell Line (B2F6)	Mouse	1,000,000 cells/ml	T3185
ERBB2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3098
ERBB4 (CYT1 Variant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T6252
ERBB4 and ERBB3 (V723L Mutant)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T6253
ERBB4-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3107
FER-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3113
FGFR1 (fused with ZNF)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T6145
FGFR2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3071
FGFR3-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3072
FGFR4-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3132
FGR-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3087
FLT1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3152
FLT3-(Internal Tandem Duplication)-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T6129
FLT3-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3080
FLT3-Expressing BaF3 Cell Line	Mouse	1,000,000 cells/ml	T6128
FLT4-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3097
FRK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3143
FYN-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3088
HCK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3089
IGF1R-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3073
INSR-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3074
INSRR-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3133
ITK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3148
JAK1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3075
JAK2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3076
JAK3-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3077
KDR-Expressing Ba/F3 Cell Line (IL-3 Dependent)	Mouse	1,000,000 cells/ml	T6027
KDR-Expressing Ba/F3 Cell Line (IL-3 Independent)	Mouse	1,000,000 cells/ml	T3118
KIT-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3081
LCK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3090
LMTK3-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3136
LTK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3063
LYN-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3115
MATK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3121
MERTK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3065
MET-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3078
MST1R-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3079

Cell Type	Species	Unit	Cat. No.
MuSK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3137
NTRK1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3094
NTRK2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3095
NTRK3-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3096
PDGFRA-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3082
PDGFRB-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3083
PTK2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3124
PTK2B-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3131
PTK7-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3139
RET-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3084
ROR1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3140
ROR2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3141
ROS1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3085
RYK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3142
SRC-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3091
SRMS-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3145
STYK1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3153
SYK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3093
TEC-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3149
TIE1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3117
TNK1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3061
TNK2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3119
TrkA-Expressing T17 Cell Line	Mouse	1,000,000 cells/ml	T3158
TrkB-Expressing T48 Cell Line	Mouse	1,000,000 cells/ml	T3159
TXK-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3150
TYK2-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3111
TYRO3-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3066
YES1-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3092
ZAP70-Expressing Ba/F3 Cell Line	Mouse	1,000,000 cells/ml	T3116
HER2-Overexpressing CHO Cell Line	Hamster	1,000,000 cells/ml	T3193
HER1 and HER2-Overexpressing VERO Cell Line	Monkey	1,000,000 cells/ml	T3194
HER1-Overexpressing VERO Cell Line	Monkey	1,000,000 cells/ml	T3192
HER2 and HER3-Overexpressing VERO Cell Line	Monkey	1,000,000 cells/ml	T3191
HER2-Overexpressing VERO Cell Line	Monkey	1,000,000 cells/ml	T3189
HER3-Overexpressing VERO Cell Line	Monkey	1,000,000 cells/ml	T3190

Nuclear Hormone Receptor | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
ER-Positive Breast Epithelial Cell Line	Human	1,000,000 cells/ml	T6021
PGC-1 α /ERR α -Expressing 293T Cell Line	Human	1,000,000 cells/ml	T3060
PML Knockout Hep-2 Cell Line	Human	1,000,000 cells/ml	T6038
Thyroid Receptor-Expressing HepG2 Cell Line (PZ-TR-GFP)	Human	1,000,000 cells/ml	T3177

Reporter | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
AIZ-AR-Luc-Expressing 22Rv1 Cell Line	Human	1,000,000 cells/ml	T3104
AZ-AHR-Luc-Expressing HepG2 Cell Line	Human	1,000,000 cells/ml	T3102
AZ-GR-Luc-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T3103
Akt (Pleckstrin Homology Domain)-Luc-Expressing MCF7 Cell Line	Human	1,000,000 cells/ml	T3160
Akt (Pleckstrin Homology Domain)-YFP (Membrane)-Expressing MCF7/B2 Cell Line (Luc-Akt-PH/YFP)	Human	1,000,000 cells/ml	T3161
Antioxidant Response Element-Luc-Expressing MCF7 Cell Line (AREc32)	Human	1,000,000 cells/ml	T6103
ARP1-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6342
aSYN-IRES-GFP (A30P Mutant)-Expressing LUHMES Cell Line	Human	1,000,000 cells/ml	T6454
aSYN-IRES-GFP (A53T Mutant)-Expressing LUHMES Cell Line	Human	1,000,000 cells/ml	T6455
aSYN-IRES-GFP-Expressing LUHMES Cell Line	Human	1,000,000 cells/ml	T6456
BJAB-YFP-Expressing Cell Line	Human	1,000,000 cells/ml	T6319
CD63-RFP-HTBH-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6310
CENP-A-GFP and CSAP-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6345
CLN3 (LL/AA)-RFP Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6383
D2 dopamine receptor (C-terminally tagged with RLuc8)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6119
D2 dopamine receptor (RRR-ERE, Mutant 5)(C-terminally tagged with RLuc8)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6120
ELG1 (Truncated)-CFP-Expressing Retinal Pigment Epithelial Cell Line	Human	1,000,000 cells/ml	T3183
GRPR-Luc-Expressing PC3 Cell Line	Human	1,000,000 cells/ml	T3021
HIF HRE-Luc/LacZ-Expressing LN229 Glioblastoma Cell Line	Human	1,000,000 cells/ml	T6295
HIF HRE-Luc/LacZ-Expressing Me1290 Uveal Melanoma Cell Line	Human	1,000,000 cells/ml	T6296
IDH1 siRNA-RFP-Expressing NHA IDHmut Cell Line	Human	1,000,000 cells/ml	T6043
IRES-GFP-Expressing LUHMES Cell Line	Human	1,000,000 cells/ml	T6457
LANA-Expressing BJAB Cell Line (BJAB-L-YFP)	Human	1,000,000 cells/ml	T6314
Lis1-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6343
M3R-GFP-Expressing HEK293 Cell Line (M3R-GFP)	Human	1,000,000 cells/ml	T6244
Nde1-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6344
NFAT-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6484

Cell Type	Species	Unit	Cat. No.
NHA-siRNA (scrambled)-Expressing IDHmut Cell Line	Human	1,000,000 cells/ml	T6042
NLRP3-Expressing HEK293 Cell Line (huNLRP3-YFP)	Human	1,000,000 cells/ml	T6318
ORAI1-GFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6488
PD1-GFP-Expressing Jurkat Cell Line	Human	1,000,000 cells/ml	T6981
PDL1-GFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6982
PSMA- (PSMA/FOLh1/Carboxypeptidase II) and GFP-Expressing U87MG/ ΔEGFR Cell Line	Human	1,000,000 cells/ml	T6206
PZ-TR-Luc-Expressing HepG2 Cell Line	Human	1,000,000 cells/ml	T3177
STIM1-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6487
Tctex (type 3)-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6341
Thyroid Receptor-Expressing HepG2 Cell Line (PZ-TR-GFP)	Human	1,000,000 cells/ml	T3177
TLR8-NF-κB-Expressing Reporter 293 Cell Line	Human	1,000,000 cells/ml	T6412
TPC2 (Human, G734E/L564P Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6380
TPC2 (Human, L564P Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6378
TPC2 (Human, LL/AA Mutant)-RFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6382
TPC2 (Human, M484L/G734E/L564P Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6381
TPC2 (Human, M484L/L564P Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6379
TRE3G-dCas9-EGFP-Expressing U2OS Cell Line	Human	1,000,000 cells/ml	T6497
TRPML1 (Human, F465L Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6374
TRPML1 (Human, LL/AA Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6375
TRPML1 (Human, R408A Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6371
TRPML1 (Human, V446L Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6373
TRPML1 (Human, Y436C Mutant)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6372
TRPML1 (Human)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6370
TRPML2 (Human)-GFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6376
TRPML3 (Human)-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6377
BMP Responsive Reporter (BRITER) Cell Line	Mouse	1,000,000 cells/ml	T3105
HIF HRE-Luc/LacZ-Expressing Melanoma Cell Line (B16LS9)	Mouse	1,000,000 cells/ml	T6297
NF-κB-Luc-Expressing RAW264.7 Cell Line	Mouse	1,000,000 cells/ml	T3015
NF-κB-Luc-Expressing RAW264.7 Cell Line	Mouse	1,000,000 cells/ml	T3015
NFAT-Luc-Expressing RAW264.7 Cell Line	Mouse	1,000,000 cells/ml	T6125
TRPV4-Expressing KPT2 Cell Line	Mouse	1,000,000 cells/ml	T6009
HIF HRE-Luc/LacZ-Expressing Glioma Cell Line (9L)	Rat	1,000,000 cells/ml	T6298
GLUT4-GFP-Expressing CHO Cell Line (CHO-HIRc-mycGLUT4eGFP)	Hamster	1,000,000 cells/ml	T6498
NF-κB Reporter and CD14-Expressing CHO Cell Line (3E10)	Hamster	1,000,000 cells/ml	T6435
NF-κB Reporter CHO Cell Line (EL-1)	Hamster	1,000,000 cells/ml	T6434

Cell Type	Species	Unit	Cat. No.
Notch1 (Variant)-YFP and Inducible Delta-mCherry Reporter CHO-K1 Cell Line (hN1G4esn)	Hamster	1,000,000 cells/ml	T3033
Notch1-YFP and Inducible Delta-mCherry Reporter CHO-K1 Cell Line (hN1)	Hamster	1,000,000 cells/ml	T3032

Transporter | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
DMT1 (Mouse)-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6000
KCC2-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T3038
MCT4 Knockout PC-3 Cell Line	Human	1,000,000 cells/ml	T6328
MCT4-Overexpressing PC-3 Cell Line	Human	1,000,000 cells/ml	T6329
NIS (Whale)-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6492
NIS (Zebra)-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6493
NIS-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6491
NIS-Expressing SK-Hep1 Cell Line (SK-Hep1-NIS)	Human	1,000,000 cells/ml	T6394
NTCP-Expressing HepG2 Cell Line	Human	1,000,000 cells/ml	T6190
NTCP-Expressing Huh7 Cell Line	Human	1,000,000 cells/ml	T6176
OATP1B3-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6239
SLC39A14-Expressing Caco-2 Cell Line	Human	1,000,000 cells/ml	T6028
SCL26A9 (HA-tagged)-Expressing Thyroid Epithelial Cell Line (SLC26A9-FRT)	Fisher Rat	1,000,000 cells/ml	T3188
GLUT4-GFP-Expressing CHO Cell Line (CHO-HIRc-mycGLUT4eGFP)	Hamster	1,000,000 cells/ml	T6498

Other | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
ABCC1 (15A16 Mutant)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6004
ABCC1 (30A31 Mutant)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6005
ABCC1 (4A6 Mutant)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6006
ABCC1-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6003
AC3 and AC6 Knockout HEK293 Cell Line	Human	1,000,000 cells/ml	T6291
Ad5 IVA2-Expressing 293 Cell Line	Human	1,000,000 cells/ml	T6194
Ad5 pTP-Expressing 293 Cell Line (293pTP)	Human	1,000,000 cells/ml	T3178
ADRM1 Knockout HCT116 Cell Line (Clone B11)	Human	1,000,000 cells/ml	T6162
AF1-(SEC Component)-FLAG-Expressing HeLa S3 Cell Line	Human	1,000,000 cells/ml	T6390
AF4-(SEC Component)-FLAG-Expressing HeLa S3 Cell Line	Human	1,000,000 cells/ml	T6387
AF9-(SEC Component)-FLAG-Expressing HeLa S3 Cell Line	Human	1,000,000 cells/ml	T6388
AGO2 (3xFLAG)-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6352
Angptl2-GST-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6397

Cell Type	Species	Unit	Cat. No.
ARL13-B-Expressing HEK 293 Cell Line	Human	1,000,000 cells/ml	T6041
ATG5 Knockout HEK293 Cell Line	Human	1,000,000 cells/ml	T6438
Autism Spectrum Disorder (Idiopathic) Fibroblastic Cell Line (sc119)	Human	1,000,000 cells/ml	T6358
Autism Spectrum Disorder (Idiopathic) Fibroblastic Cell Line (sc166)	Human	1,000,000 cells/ml	T6359
Autism Spectrum Disorder (Idiopathic) Fibroblastic Cell Line (sc174)	Human	1,000,000 cells/ml	T6360
Autism Spectrum Disorder (Idiopathic) Fibroblastic Cell Line (sc204)	Human	1,000,000 cells/ml	T6361
Autism Spectrum Disorder (Idiopathic) Fibroblastic Cell Line (sc222)	Human	1,000,000 cells/ml	T6362
Autism Spectrum Disorder (Idiopathic) Fibroblastic Cell Line (sc229)	Human	1,000,000 cells/ml	T6363
Autism Spectrum Disorder Fibroblastic Cell Line (sc148)	Human	1,000,000 cells/ml	T6364
Autism Spectrum Disorder Fibroblastic Cell Line (sc160)	Human	1,000,000 cells/ml	T6365
Autism Spectrum Disorder Fibroblastic Cell Line (sc164)	Human	1,000,000 cells/ml	T6366
Autism Spectrum Disorder Fibroblastic Cell Line (sc178)	Human	1,000,000 cells/ml	T6367
Autism Spectrum Disorder Fibroblastic Cell Line (sc197)	Human	1,000,000 cells/ml	T6368
Autism Spectrum Disorder Fibroblastic Cell Line (sc231)	Human	1,000,000 cells/ml	T6369
BAK Knockdown HN12 Cell Line	Human	1,000,000 cells/ml	T6416
BJAB-YFP-Expressing Cell Line	Human	1,000,000 cells/ml	T6319
Blank Promoter-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T9618
CBF β Knockout HepG2 Cell Line	Human	1,000,000 cells/ml	T6161
CD44-Expressing MKN-28 Cell Line	Human	1,000,000 cells/ml	T6185
CD44v8-10-Expressing MKN-28 Cell Line	Human	1,000,000 cells/ml	T6186
CD63-RFP-HTBH-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6310
CENP-A-GFP and CSAP-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6345
CLN3 (LL/AA)-RFP Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6383
CNBP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6212
CRE-Expressing 293 Cell Line	Human	1,000,000 cells/ml	T3203
CymR-Expressing A2058 Cell Line	Human	1,000,000 cells/ml	T3017
CymR-Puro-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T3016
DDP-Expressing A549 Cell Line	Human	1,000,000 cells/ml	T6213
DDX5-Expressing Hepatic Stellate Cell Line	Human	1,000,000 cells/ml	T6001
E-cadherin-Expressing MIA PaCa-2 Cell Line	Human	1,000,000 cells/ml	T3167
ECRG4-Expressing HEK 293 Cell Line (ECRG4-HEK293)	Human	1,000,000 cells/ml	T6193
EDC4-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6242
EEF1A1 Knockdown A549 Cell Line	Human	1,000,000 cells/ml	T6204
ELG1 (Truncated)-CFP-Expressing Retinal Pigment Epithelial Cell Line	Human	1,000,000 cells/ml	T3183
FABP4-Expressing THP-1 Cell Line	Human	1,000,000 cells/ml	T9615
FADD Deficient Jurkat Cell Line	Human	1,000,000 cells/ml	T6451
FADD-Expressing Jurkat Cell Line	Human	1,000,000 cells/ml	T6393

Cell Type	Species	Unit	Cat. No.
Fat-1-Expressing A549 Cell Line	Human	1,000,000 cells/ml	T6262
Fat-1-Expressing AGS Cell Line	Human	1,000,000 cells/ml	T6269
Fat-1-Expressing D54MG Cell Line	Human	1,000,000 cells/ml	T6266
Fat-1-Expressing DU145 Cell Line	Human	1,000,000 cells/ml	T6271
Fat-1-Expressing FaDu Cell Line	Human	1,000,000 cells/ml	T6268
Fat-1-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6260
Fat-1-Expressing PA1 Cell Line	Human	1,000,000 cells/ml	T6264
Fat-1-Expressing PC-3 Cell Line	Human	1,000,000 cells/ml	T6270
Fat-1-Expressing PC9 Cell Line	Human	1,000,000 cells/ml	T6263
Fat-1-Expressing SCC9 Cell Line	Human	1,000,000 cells/ml	T6267
Fat-1-Expressing SiHa Cell Line	Human	1,000,000 cells/ml	T6261
FcyRII-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6287
FIX (Mutant)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6356
FIX-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6355
FLNC Knockout A2780 Cell Line	Human	1,000,000 cells/ml	T9503
GAB1 Knockout 8505c Cell Line	Human	1,000,000 cells/ml	T9501
GCaMP6s-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6483
GCaMP6s-P2A-mCh-Opto-CRAC-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6485
GIMAP6 (Mouse)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6292
GNAO-Expressing Mammary Epithelial Cell Line	Human	1,000,000 cells/ml	T6201
GNAO1 (R243H Mutant)-Expressing Mammary Epithelial Cell Line	Human	1,000,000 cells/ml	T6202
GOT2 Knockout HEK293 Cell Line (Clone A3)	Human	1,000,000 cells/ml	T6424
GOT2 Knockout HEK293 Cell Line (Clone A6)	Human	1,000,000 cells/ml	T6425
GOT2 Knockout HEK293 Cell Line (Clone A7)	Human	1,000,000 cells/ml	T6426
GPC3 Silenced KOC7C Cell Line	Human	1,000,000 cells/ml	T6494
GRM1a-Expressing MCF12A Cell Line	Human	1,000,000 cells/ml	T6396
GS-3A4-Expressing HepG2 Cell Line	Human	1,000,000 cells/ml	T6016
HIF HRE-Luc/LacZ-Expressing LN229 Glioblastoma Cell Line	Human	1,000,000 cells/ml	T6295
HIF HRE-Luc/LacZ-Expressing Me1290 Uveal Melanoma Cell Line	Human	1,000,000 cells/ml	T6296
HMGN1 and HMGN2 Double Knockout U2OS Cell Line (1-5)	Human	1,000,000 cells/ml	T6427
HMGN1 and HMGN2 Double Knockout U2OS Cell Line (1-6)	Human	1,000,000 cells/ml	T6428
HnRNP-L (Flagged)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6250
hsa-miR-186-Expressing HaCaT Cell Line	Human	1,000,000 cells/ml	T6462
HT (B Cell Lymphoma) Cell Line	Human	1,000,000 cells/ml	T6283
hTR and hTERT-Expressing H1299 Cell Line	Human	1,000,000 cells/ml	T6415
HXBc2 tat (tat-III)-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6020

Cell Type	Species	Unit	Cat. No.
I-κBα (Degredation Resistant)-Expressing HOS-DS-Red Cell Line (HOS-DS-Red/ΔN-IκBα)	Human	1,000,000 cells/ml	T6109
I-κBα (Degredation Resistant)-Expressing HOS-G Cell Line (HOS-G/ΔN-IκBα)	Human	1,000,000 cells/ml	T6108
IGFBP3-Expressing KYSE 150 Cell Line	Human	1,000,000 cells/ml	T9712
IP6K1(-/-) and IP6K2(-/-)-Expressing HCT116 Cell Line	Human	1,000,000 cells/ml	T6351
IP6K1(-/-)-Expressing HCT116 Cell Line	Human	1,000,000 cells/ml	T6349
IP6K2(-/-)-Expressing HCT116 Cell Line	Human	1,000,000 cells/ml	T6350
JunD-Overexpressing DU145 Cell Line	Human	1,000,000 cells/ml	T6475
JWA Knockout MHCC97L Cell Line	Human	1,000,000 cells/ml	T9504
KOC7C (Ovarian Clear Cell Adenocarcinoma) Cell Line	Human	1,000,000 cells/ml	T6495
LANA-Expressing BJAB Cell Line (BJAB-L-YFP)	Human	1,000,000 cells/ml	T6314
LMBMT1 (Flagged)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6249
LIN28B Knockout A2780 Cell Line	Human	1,000,000 cells/ml	T9506
Lis1-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6343
LN229-Expressing Tet-on Cell Line	Human	1,000,000 cells/ml	T6030
LNZ308-Expressing Tet-off Cell Line	Human	1,000,000 cells/ml	T6034
LNZ308-Expressing Tet-on Cell Line	Human	1,000,000 cells/ml	T6031
MAPRE1 (Doxycycline Inducible) Knockout HeLa Cell Line	Human	1,000,000 cells/ml	T6173
MAPRE1 and MAPRE3 (Doxycycline Inducible) Double Knockout HeLa Cell Line	Human	1,000,000 cells/ml	T6174
MCM10 Exon 14 (+/-) Knockout HCT116 Cell Line (Clone 14)	Human	1,000,000 cells/ml	T6453
MCM10 Exon 14 (+/-) Knockout HCT116 Cell Line (Clone 8)	Human	1,000,000 cells/ml	T6452
mir-122-Expressing Hep3B Cell Line	Human	1,000,000 cells/ml	T6105
miR-216a-Expressing PDL8 HUVEC Cell Line	Human	1,000,000 cells/ml	T6166
miR-34a-Expressing K562 Cell Line	Human	1,000,000 cells/ml	T6450
miR106b-25-Expressing MCF7 Cell Line	Human	1,000,000 cells/ml	T6324
MUC-Expressing HuTu80 Cell Line	Human	1,000,000 cells/ml	T6217
Nde1-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6344
NFAT-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6484
NonO Knockdown Jurkat Cell Line	Human	1,000,000 cells/ml	T6124
NPHR-Expressing T24 Cell Line	Human	1,000,000 cells/ml	T9619
Pax6 Knockout U251N Cell Line	Human	1,000,000 cells/ml	T6167
Pax6-Expressing U251N Cell Line	Human	1,000,000 cells/ml	T6168
pcDNA3-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6385
PD1-GFP-Expressing Jurkat Cell Line	Human	1,000,000 cells/ml	T6981
PDL1-GFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6982
PFN2-Expressing HEK293T Cell Line (Polyclonal)	Human	1,000,000 cells/ml	T9606
PIWIL1 Knockout AGP01 Cell Line	Human	1,000,000 cells/ml	T6410

Cell Type	Species	Unit	Cat. No.
PML and SP100 Double Knockout HEp-2 Cell Line	Human	1,000,000 cells/ml	T6136
PTPN6 Knockout THP-1 Cell Line	Human	1,000,000 cells/ml	T6216
R-spondin1 (Mouse)-Expressing 293T Cell Line	Human	1,000,000 cells/ml	T3156
Rab37 Knockdown H460 Lung Cancer Cell Line (shRab37#1)	Human	1,000,000 cells/ml	T6325
Rab37 Knockdown H460 Lung Cancer Cell Line (shRab37#2)	Human	1,000,000 cells/ml	T6326
RanBPM Knockout HeLa Cell Line	Human	1,000,000 cells/ml	T6313
Red Tyrosination Sensor-Expressing U2OS Cell Line	Human	1,000,000 cells/ml	T6482
RGMb Knockdown PC-3 Cell Line	Human	1,000,000 cells/ml	T6327
RNH1 Knockout K562 Cell Line	Human	1,000,000 cells/ml	T6157
RPS15A-Expressing K562 Cell Line	Human	1,000,000 cells/ml	T6433
SARS-CoV-2 Spike Glycoprotein-Expressing HEK293T Cell Line	Human	1,000,000 cells/ml	T6793
shRAD9 mRad9-Expressing DU145 Cell Line	Human	1,000,000 cells/ml	T6499
shRAD9-Expressing DU145 Cell Line	Human	1,000,000 cells/ml	T6500
SKMEL5-CymR-Expressing Cell Line	Human	1,000,000 cells/ml	T3018
SNAIL (Flagged)-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6290
SP100 Knockout HEp-2 Cell Line	Human	1,000,000 cells/ml	T6135
SPINK1-Expressing AsPC-1 Cell Line	Human	1,000,000 cells/ml	T3154
Spry4-it1-Expressing HT-29 Cell Line	Human	1,000,000 cells/ml	T6203
STIM1 Knockout HEK293 Cell Line	Human	1,000,000 cells/ml	T6489
STIM1-YFP-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6487
T7-SF2-Expressing HEK293 Cell Line	Human	1,000,000 cells/ml	T6251
Tctex (type 3)-GFP-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6341
TRAF6 Knockdown HT Cell Line	Human	1,000,000 cells/ml	T6284
TRE3G-dCas9-EGFP-Expressing U2OS Cell Line	Human	1,000,000 cells/ml	T6497
TSPO Knockdown Huh7 Cell Line	Human	1,000,000 cells/ml	T6402
U251MG-Expressing Tet-on Cell Line	Human	1,000,000 cells/ml	T6033
U87MG-Expressing Tet-off Cell Line	Human	1,000,000 cells/ml	T6035
U87MG-Expressing Tet-on Cell Line	Human	1,000,000 cells/ml	T6032
V5-Tagged RNF183-Expressing HeLa Cell Line	Human	1,000,000 cells/ml	T6331
WM115-Expressing RAGE Cell Line	Human	1,000,000 cells/ml	T6013
δ -catenin-Expressing LNCaP Cell Line	Human	1,000,000 cells/ml	T6496
APPL1 Knockout MEF Cell Line	Mouse	1,000,000 cells/ml	T6158
APPL1-Expressing MEF Cell Line	Mouse	1,000,000 cells/ml	T6159
Atg5 Knockout Kidney Epithelial Cell Line	Mouse	1,000,000 cells/ml	T3027
Atg7 Knockout Kidney Epithelial Cell Line	Mouse	1,000,000 cells/ml	T3028
Bak Knockout Kidney Epithelial Cell Line	Mouse	1,000,000 cells/ml	T3025
Bax and Bak Double Knockout Kidney Epithelial Cell Line	Mouse	1,000,000 cells/ml	T3026

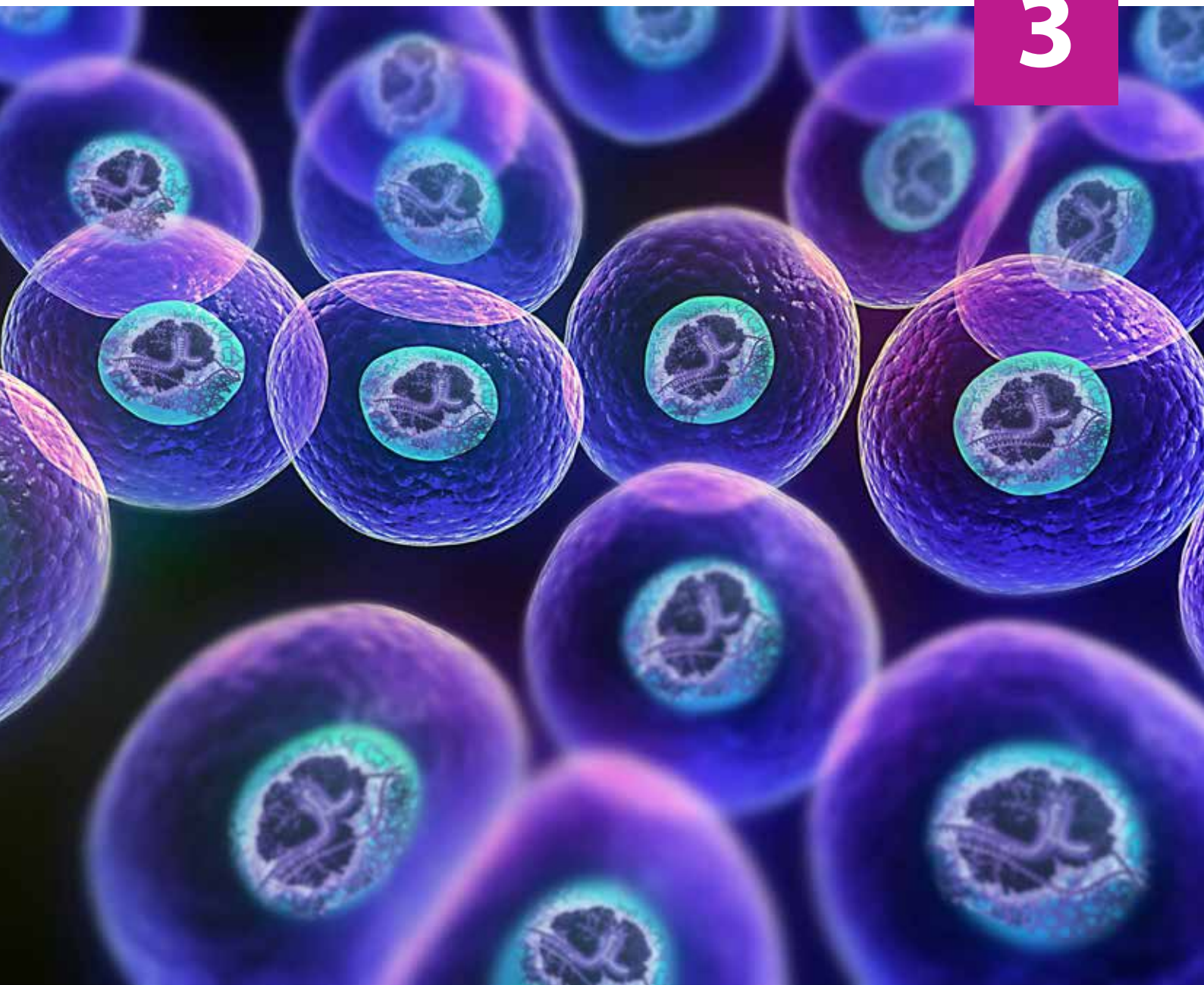
Cell Type	Species	Unit	Cat. No.
Bax Knockout Kidney Epithelial Cell Line	Mouse	1,000,000 cells/ml	T3024
Bcl-x Knockout MEF Cell Line	Mouse	1,000,000 cells/ml	T6080
Bcl-xL (Cytosol)-Expressing MEF Cell Line	Mouse	1,000,000 cells/ml	T6082
Bcl-xL (ER)-Expressing MEF Cell Line	Mouse	1,000,000 cells/ml	T6084
Bcl-xL (Mitochondria)-Expressing MEF Cell Line	Mouse	1,000,000 cells/ml	T6083
Bcl-xL-Expressing MEF Cell Line	Mouse	1,000,000 cells/ml	T6081
BECN1 Knockdown RAW264.7 Cell Line	Mouse	1,000,000 cells/ml	T6384
BVRA Knockout Hepa1c1c7 Cell Line	Mouse	1,000,000 cells/ml	T6282
C3-/-C3Δ28-Expressing MEF Cell Line	Mouse	1,000,000 cells/ml	T6429
C3-/-C3Δ28C163A-Expressing MEF Cell Line	Mouse	1,000,000 cells/ml	T6430
CEA-1-Expressing MC-38 Cell Line	Mouse	1,000,000 cells/ml	T6407
CEA-2-Expressing MC-38 Cell Line	Mouse	1,000,000 cells/ml	T6408
Cytochrome c Knockout Fibroblast Cell Line	Mouse	1,000,000 cells/ml	T6305
Fat-1-Expressing ID8 Cell Line	Mouse	1,000,000 cells/ml	T6265
Fat-1-Expressing RM1 Cell Line	Mouse	1,000,000 cells/ml	T6272
Gnpat Knockout Myoblast Cell Line (14.11)	Mouse	1,000,000 cells/ml	T6279
Gnpat Knockout Myoblast Cell Line (21.15)	Mouse	1,000,000 cells/ml	T6278
Gnpat-Expressing Myoblast Cell Line (161)	Mouse	1,000,000 cells/ml	T6280
Hes1-Expressing Bone Marrow Progenitor Cell Line	Mouse	1,000,000 cells/ml	T6014
HIF HRE-Luc/LacZ-Expressing Melanoma Cell Line (B16LS9)	Mouse	1,000,000 cells/ml	T6297
IFN-α/β Knockout Macrophage Cell Line	Mouse	1,000,000 cells/ml	T6238
IL-33-Expressing 4T1 Cell Line	Mouse	1,000,000 cells/ml	T6413
IL-33-Expressing B16F0 Cell Line	Mouse	1,000,000 cells/ml	T6414
Ktyl Knockout Keratinocyte Cell Line	Mouse	1,000,000 cells/ml	T6293
Ktyl-Expressing Keratinocyte Cell Line	Mouse	1,000,000 cells/ml	T6294
LAL Knockout Myeloid-derived Suppressor-like Cell Line (HD1B)	Mouse	1,000,000 cells/ml	T3187
Lambda-LIZ-Expressing (92 TAg) Mouse Embryonic Fibroblast Cell Line	Mouse	1,000,000 cells/ml	T3169
Lambda-LIZ-Expressing DNA Polymerase-β Knockout (88 TAg) Mouse Embryonic Fibroblast Cell Line	Mouse	1,000,000 cells/ml	T3170
Lhx5-Expressing Neuro2 Cell Line	Mouse	1,000,000 cells/ml	T6277
Luteinizing Hormone-Expressing Cell Line (LbetaT-2)	Mouse	1,000,000 cells/ml	T6395
MUC1-Expressing MC-38 Cell Line	Mouse	1,000,000 cells/ml	T6406
MUNC (Genomic)-Expressing C2C12 Cell Line	Mouse	1,000,000 cells/ml	T6323
MUNC (Spliced)-Expressing C2C12 Cell Line	Mouse	1,000,000 cells/ml	T6334
NFAT-Luc-Expressing RAW264.7 Cell Line	Mouse	1,000,000 cells/ml	T6125
Osteopontin Knockout Squamous Cell Carcinoma Cell Line (SPP1-KO)	Mouse	1,000,000 cells/ml	T6501
p47phox Knockout Aortic Endothelial Cell Line (iMAEC-p47)	Mouse	1,000,000 cells/ml	T3181

Cell Type	Species	Unit	Cat. No.
PARP-1 Knockout Heart Endothelial Cell Line (HYKO6)	Mouse	1,000,000 cells/ml	T3031
PD-L1 Knockout NBK Cell Line	Mouse	1,000,000 cells/ml	T6156
PD-L1-Expressing NBK Cell Line	Mouse	1,000,000 cells/ml	T6155
PGC1 α -Expressing 3T3-L1 Cell Line	Mouse	1,000,000 cells/ml	T6398
PLIN1-Expressing 3T3-L1 Cell Line	Mouse	1,000,000 cells/ml	T6288
PLIN1-Myc-Expressing 3T3-L1 Cell Line	Mouse	1,000,000 cells/ml	T6289
Rieske ISP Knockout Fibroblast Cell Line	Mouse	1,000,000 cells/ml	T6304
TEM1 Knockdown NIH3T3 Cell Line	Mouse	1,000,000 cells/ml	T6418
CHRFAM7A-Expressing PC12 Cell Line	Rat	1,000,000 cells/ml	T6354
E-Cre-ERT2-Expressing Rat1 Cell Line (AD6)	Rat	1,000,000 cells/ml	T6169
E-Cre-ERT2-Expressing γ -secretase Deficient Rat1 Cell Line (AD6 Clone 1)	Rat	1,000,000 cells/ml	T6170
HIF HRE-Luc/LacZ-Expressing Glioma Cell Line (9L)	Rat	1,000,000 cells/ml	T6298
Huntingtin 150Q-Expressing PC12 Cell Line	Rat	1,000,000 cells/ml	T6018
Huntingtin 20Q-Expressing PC12 Cell Line	Rat	1,000,000 cells/ml	T6019
MT-IIA-Overexpressing H9c2 Cell Line	Rat	1,000,000 cells/ml	T6401
MTP18 shRNA-Expressing RTPC Cell Line	Rat	1,000,000 cells/ml	T6432
PATZ1-Expressing FRTL5 Cell Line	Rat	1,000,000 cells/ml	T6116
shRNA-Expressing RTPC Cell Line	Rat	1,000,000 cells/ml	T6431
ABCG2 and ABCB1-Expressing MDCK Cell Line	Canine	1,000,000 cells/ml	T6998
STAT1 Knockout MDCK Cell Line	Dog	1,000,000 cells/ml	T6795
AcP5, TRAP, and PAP (Rat)-Overexpressing CHO-K1 Cell Line	Hamster	1,000,000 cells/ml	T6339
c-Kit-Expressing BHK (BHK/KL) Cell Line	Hamster	1,000,000 cells/ml	T6114
CCK-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T6192
CHIKV Replicon-Expressing BHK Cell Line	Hamster	1,000,000 cells/ml	T6130
CHO-K1 Cell Line (CHO-K1-ve)	Hamster	1,000,000 cells/ml	T6184
EPCR-Expressing CHO-K1 Cell Line (CHO-K1-mEPCR)	Hamster	1,000,000 cells/ml	T6182
GM-SCF-Expressing BHK (BHK/GM) Cell Line	Hamster	1,000,000 cells/ml	T6118
HIPrx-Expressing BHK-21 Cell Line	Hamster	1,000,000 cells/ml	T6458
HIPrx2-Expressing BHK-21 Cell Line	Hamster	1,000,000 cells/ml	T6459
N1G4-Citrine-Expressing CHO-K1 Cell Line	Hamster	1,000,000 cells/ml	T6163
NF- κ B Reporter and CD14-Expressing CHO Cell Line (3E10)	Hamster	1,000,000 cells/ml	T6435
NF- κ B Reporter CHO Cell Line (EL-1)	Hamster	1,000,000 cells/ml	T6434
pEF-BOS (Empty Vector)-Expressing CHO-K1 Cell Line	Hamster	1,000,000 cells/ml	T6480
Podoplanin-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T3182
PRDX5 (Cytosolic, Human)-Expressing CHO-K1 Cell Line	Hamster	1,000,000 cells/ml	T6477
PRDX5 (Mitochondria, Human)-Expressing CHO-K1 Cell Line	Hamster	1,000,000 cells/ml	T6478
PRDX5 (Nuclear, Human)-Expressing CHO-K1 Cell Line	Hamster	1,000,000 cells/ml	T6479

Cell Type	Species	Unit	Cat. No.
PRRSV N-Expressing BHK-21 Cell Line	Hamster	1,000,000 cells/ml	T6147
R12A α A-crystallin-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T6234
R49A α A-crystallin-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T6235
Sinrep19 (Control)-Expressing BHK-21 Cell Line	Hamster	1,000,000 cells/ml	T6146
Tissue Factor (Mouse)-Expressing CHO-K1 Cell Line (CHO-K1-mTF)	Hamster	1,000,000 cells/ml	T6183
α A-crystallin-Expressing CHO Cell Line	Hamster	1,000,000 cells/ml	T6236
SARS-CoV-2 Spike Glycoprotein-Expressing S1 SF9 Cell Line	Insect	1,000,000 cells/ml	T6797
SARS-CoV-2 Spike Glycoprotein-Expressing S2 SF9 Cell Line	Insect	1,000,000 cells/ml	T6798
STAT1 Knockout Vero Cell Line	Monkey	1,000,000 cells/ml	T6794
Brown Adipocyte Precursor Cell Line	Sheep	1,000,000 cells/ml	T6311



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CRISPR Cell Lines

Focus your study on the knockout effect with **abm's** ready-to-use, validated CRISPR knockout cell lines.

Cas9-Expressing Stable Cell Lines



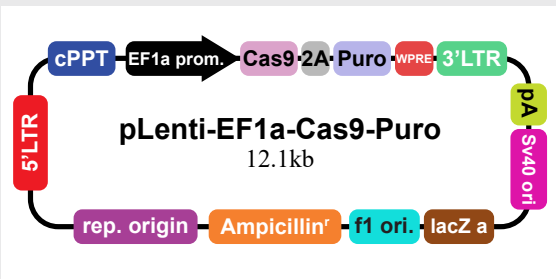
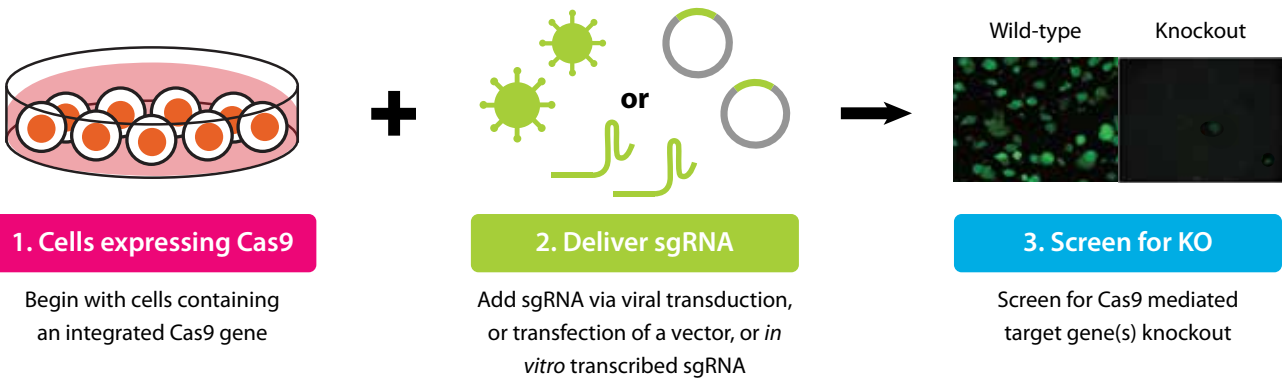
Features

- ✓ Available in popular cell line research models
- ✓ Cas9-expression pre-validated by western blot analysis
- ✓ Simplified workflow—just add sgRNA

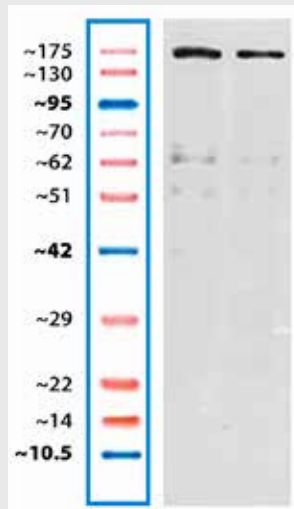
Simply add your sgRNA and begin editing!

CRISPR is the most versatile technology for genome editing. As such, **abm** offers a wide variety of Cas9-expressing human, mouse, and rat stable cell lines. These cell lines only

require the introduction of sgRNA vector or virus (from our ready-to-use human, mouse or rat Genome-Wide sgRNA Libraries), or transfection of *in vitro* transcribed sgRNA.




Top: Map of Cas9 Lentivector used to generate of **abm**'s Cas9 cell lines.



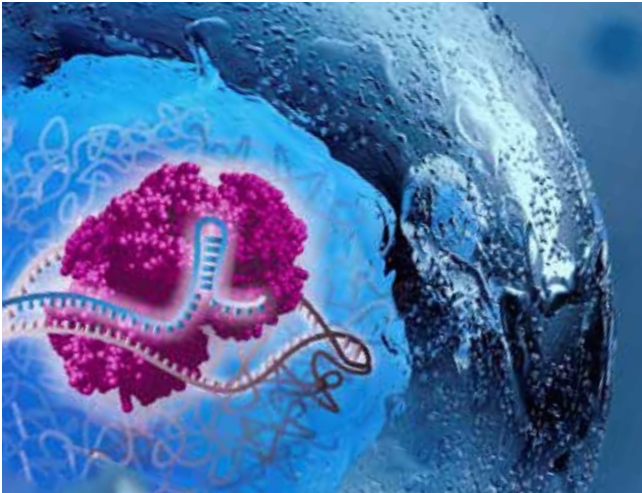
Left: Western blot of Cas9-Expressing A375 Cell Line using Anti-Cas9 Antibody (Cat. No. Y300079). Band appears at 160 kDa.

Cas9-Expressing Stable Cell Lines | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
293 Cell Line	Human	1,000,000 cells/ml	T3252
293T Cell Line	Human	1,000,000 cells/ml	T3251
A375 Cell Line	Human	1,000,000 cells/ml	T3262
A549 Cell Line	Human	1,000,000 cells/ml	T3253
Doxycycline Inducible HeLa (cTT20) Cell Line	Human	1,000,000 cells/ml	T6175
HCT116 Cell Line	Human	1,000,000 cells/ml	T3263
HeLa Cell Line	Human	1,000,000 cells/ml	T3254
HepG2 Cell Line	Human	1,000,000 cells/ml	T3256
HK-2 Cell line	Human	1,000,000 cells/ml	T3271
HL-60 Cell Line	Human	1,000,000 cells/ml	T3264
HT1080 Cell Line	Human	1,000,000 cells/ml	T3260
Astrocyte Cell Line, Fetal	Human	1,000,000 cells/ml	T3452
Cardiomyocyte Cell Line	Human	1,000,000 cells/ml	T3454
Microglia Cell Line	Human	1,000,000 cells/ml	T3451
Skeletal Muscle Cell Line	Human	1,000,000 cells/ml	T3450
INS1E Cell line	Human	1,000,000 cells/ml	T3289
Jurkat Cell Line	Human	1,000,000 cells/ml	T3261
Jurkat E6.1 Cell Line	Human	1,000,000 cells/ml	T3273
K562 Cell Line	Human	1,000,000 cells/ml	T3258
L3.6pl Cell Line	Human	1,000,000 cells/ml	T3272
MCF7 Cell Line	Human	1,000,000 cells/ml	T3257
Ovcar3 Cell Line	Human	1,000,000 cells/ml	T3268
PC3-M Cell Line	Human	1,000,000 cells/ml	T3279
RL95-2 Cell line	Human	1,000,000 cells/ml	T3265
SKUT-1 Cell line	Human	1,000,000 cells/ml	T3266
SNU-387 Cell Line	Human	1,000,000 cells/ml	T3267
T24 Cell line	Human	1,000,000 cells/ml	T3270
THP-1 Cell Line	Human	1,000,000 cells/ml	T3274
U-87 MG Cell Line	Human	1,000,000 cells/ml	T3259
NIH3T3 Cell Line	Mouse	1,000,000 cells/ml	T3275
RCS Cell Line	Rat	1,000,000 cells/ml	T3290
MDCK Cell Line	Canine	1,000,000 cells/ml	T3299
Chicken Embryonic Fibroblast (DF1) Cell Line	Chicken	1,000,000 cells/ml	T3453

 [Browse our full collection of Cas9-Expressing Stable Cell Lines at www.abmgood.com](http://www.abmgood.com)

Premade CRISPR Knockout Vectors/Viruses & Cell Lines



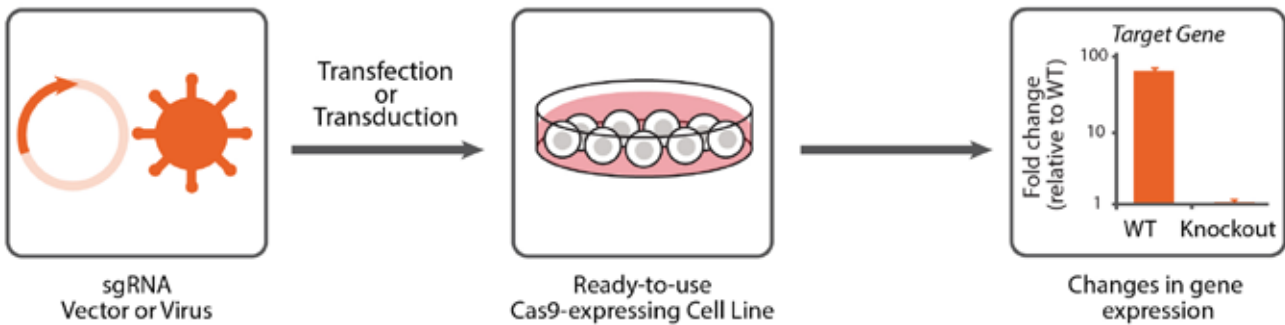
Features

- ✓ Ready-to-use knockout cell lines available for every human gene
- ✓ Ready-to-use sgRNA knockout collection available as lenti-, adeno-, AAV, and non-viral expression systems
- ✓ Convenient for gene function and drug screening studies

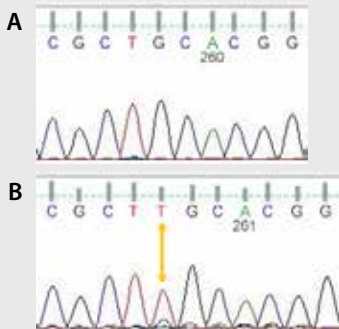
Take advantage of our genome-wide sgRNA collection!

The ability to precisely edit and change any part of an organism's genome has long been sought by scientists, and today we are closer to that goal than ever before. With the discovery of the CRISPR Cas9 system, scientists are now able to effortlessly and efficiently edit any gene of interest.

Take advantage of our ready-to-use genome-wide CRISPR Knockout Cell Line collection for your gene function and screening studies! Or, pair our premade sgRNA vectors or viruses for gene knockout with a Cas9-expressing cell line from our collection to knockout a gene yourself!



Top: Knockout a gene by pairing an sgRNA vector or virus (as Lenti-, Adeno-, AAV, or non-viral expression systems) from our genome-wide human, mouse, and rat collection with a Cas9-expressing cell line from our catalog.



Left: Sanger sequencing.

(A) shows the wild type sequence, and (B) shows the edited sequence with an inserted thymine.

Right: Surveyor assay.

In samples 2 & 3, the two bands of the Surveyor assay results indicate generation of cleavage products.



Browse our Collection of CRISPR Knockout Vectors/Viruses & Cell Lines at www.abmgood.com

Human Genes | Featured CRISPR Knockout Cell Lines

Gene	Cell Line	Species	Cat. No.
ACTB	293T	Human	T6247
APOA1	HepG2	Human	121561111670
AR	U87-MG	Human	122331111970
ASS1	HepG2	Human	125701111670
ATF4	A549	Human	126101111470
AXL	HT1080 (1-IV)	Human	T6232
AXL	HT1080 (3-II)	Human	T6233
BRCA1	Fibroblasts	Human	T6245
BRCA1	MCF7	Human	134521111770
C1GALT1C1	Cardiomyocytes	Human	T6984
CARMIL1	Gingival Fibroblasts	Human	T6825
CD274	A549	Human	155161111470
CD59	MCF7	Human	155551111770
CDK12	HeLa	Human	156881111570
CXCL1	Hu L3.6pl	Human	T6221
CXCL8	Hu L3.6pl	Human	T6220
DDR1	MCF7	Human	177841111770
DHFR	293T	Human	181711111270
DJ-1	HeLa	Human	T6181
EDC4	293T	Human	T6241
ESRRA	HepG2	Human	T6805
EZH2	293	Human	196011111370
EZH2	293	Human	T6817
EZH2	293, GFP-tagged	Human	T6816
FAP	U87-MG	Human	202401111970
FASN	HepG2	Human	T6225
FBXL17	293T	Human	202941111270
FOLR	OVCAR3-A1	Human	T6818
G3BP1	A549	Human	211201111470
GFAT1	H1299	Human	T6199
GLUL	293T	Human	216541111270
HDAC6	293T	Human	231341111270
HNF4A	293	Human	236951111370
HNF4A	HepG2	Human	236951111670
IDS	293	Human	241981111370
IGF1R	MCF7	Human	243131111770

Gene	Cell Line	Species	Cat. No.
INSR	MCF7	Human	250021111770
LIMD1	HeLa	Human	T6357
MAPRE1	HeLa	Human	280831111570
METTL3	Caki-1	Human	T9623
MICA	293T	Human	285721111270
MICB	293T	Human	285801111270
MSLN	OVCAR3-A1	Human	T6228
MSLN	OVCAR3-A1	Human	T6820
MUC16	OVCAR3-A1	Human	T6819
NADSYN1	HepG2	Human	313951111670
NR2F6	Jurkat E6.1	Human	T6822
NUAK1	293T	Human	322591111270
NUAK1	293T	Human	T6809
PAH	HepG2	Human	359451111670
PCSK9	HepG2	Human	362381111670
PDPN	293T	Human	363341111270
PRSS21	OVCAR8	Human	T6811
PTPN6	THP-1	Human	T6813
PTPRA	Lung Fibroblasts	Human	T6827
RBM3	293	Human	T6823
RPL13A	293T	Human	T6246
Sirt1	HepG2	Human	438061111670
SLC35A1	293T	Human	441271111270
SLC35A2	293T	Human	T6814
SLC35D1	293T	Human	T6815
Smad3	U87-MG	Human	443941111970
TGFBR2	K562	Human	465961111870
TREM2	THP-1	Human	T6810
TRPV6	PC3-M	Human	T6219

Mouse | Featured CRISPR Knockout Cell Lines

Gene	Cell Line	Species	Cat. No.
Araf	RAW264.7 (T1-19)	Mouse	T9511
Araf	RAW264.7 (T3-3)	Mouse	T9529
MCT4	Py2T	Mouse	T6243
NACC1	ID8 (Clone T1-23)	Mouse	T6826

Gene	Cell Line	Species	Cat. No.
PD-L1	CT26	Mouse	T6237
PD-L1	MC38	Mouse	T6149
PTPN11	NIH3T3	Mouse	T6803

Other Species | Featured CRISPR Knockout Cell Lines

Gene	Cell Line	Species	Cat. No.
SLC35A1	CHO-S	Hamster	T6040
PDPN	COS-7	Monkey	T6039

Control Cell Lines | Featured CRISPR Knockout Cell Lines

Gene	Cell Line	Species	Cat. No.
Scrambled sgRNA /Cas9	HCC-LM3	Human	T9744
Scrambled sgRNA /Cas9	SMMC-7721	Human	T9743
Scrambled sgRNA /Cas9	THP-1	Human	T9700
Scrambled sgRNA /Cas9	SMMC-7721	Human	T9743
Scrambled sgRNA /Cas9	HCC-LM3	Human	T9744
Scrambled sgRNA /Cas9	ID8	Mouse	T9626



Browse our full collection of CRISPR Knockout Cell Lines at www.abmgood.com



3'UTR Cell Lines

Study miRNA regulation of gene expression using **abm's** unique collection of 3'UTR miRNA reporter cell lines. Choose from human, mouse, or rat 3'UTRs!

3'UTR Cell Lines



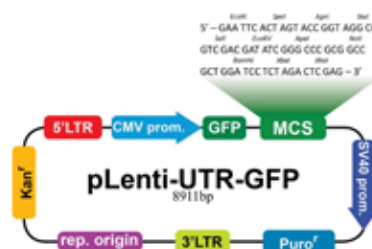
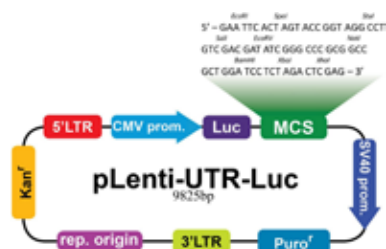
Features

- ✓ Validation of miRNA regulation of gene expression
- ✓ Study miRNA regulatory effects on your target gene
- ✓ Our 3'UTR cell lines are transfection ready, with no additional requirements needed

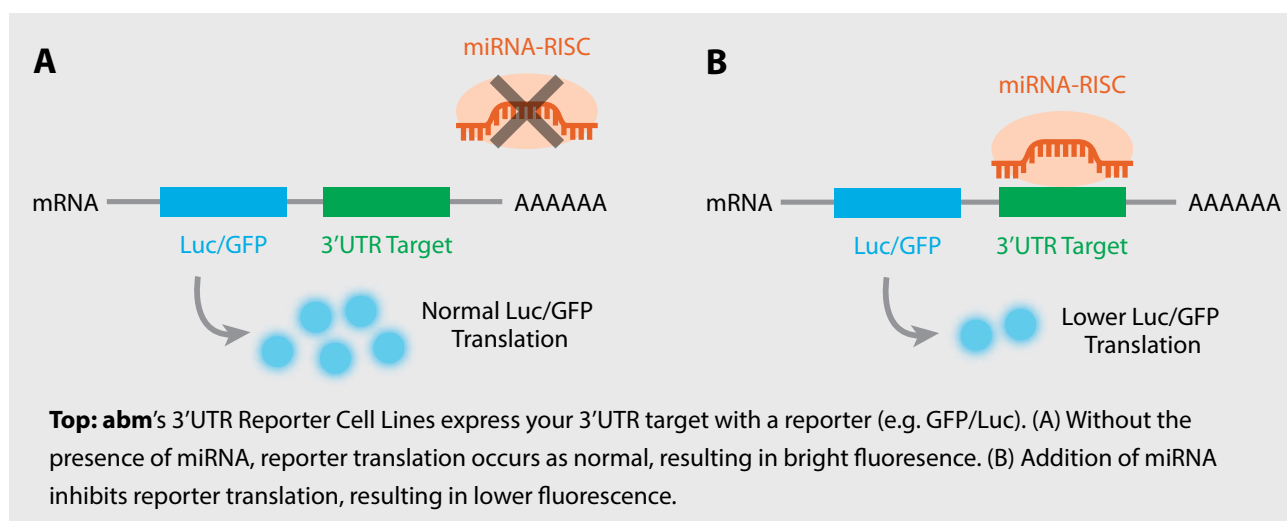
Why use our 3'UTR cell lines?

One of the most reliable, quantitative assays for the suppression of target genes by a specific miRNA is the utilization of a reporter gene, such as luciferase or GFP. The interaction between a specific miRNA and its target 3'UTR region can be evaluated by changes in downstream reporter

gene expression (e.g. decrease in Luc/GFP expression). **abm** offers a complete collection of cell lines stably expressing the 3'UTR region of all human genes, with a choice of luciferase or GFP as the reporter gene.



Validate miRNA gene regulation through 3'UTR Target Sites

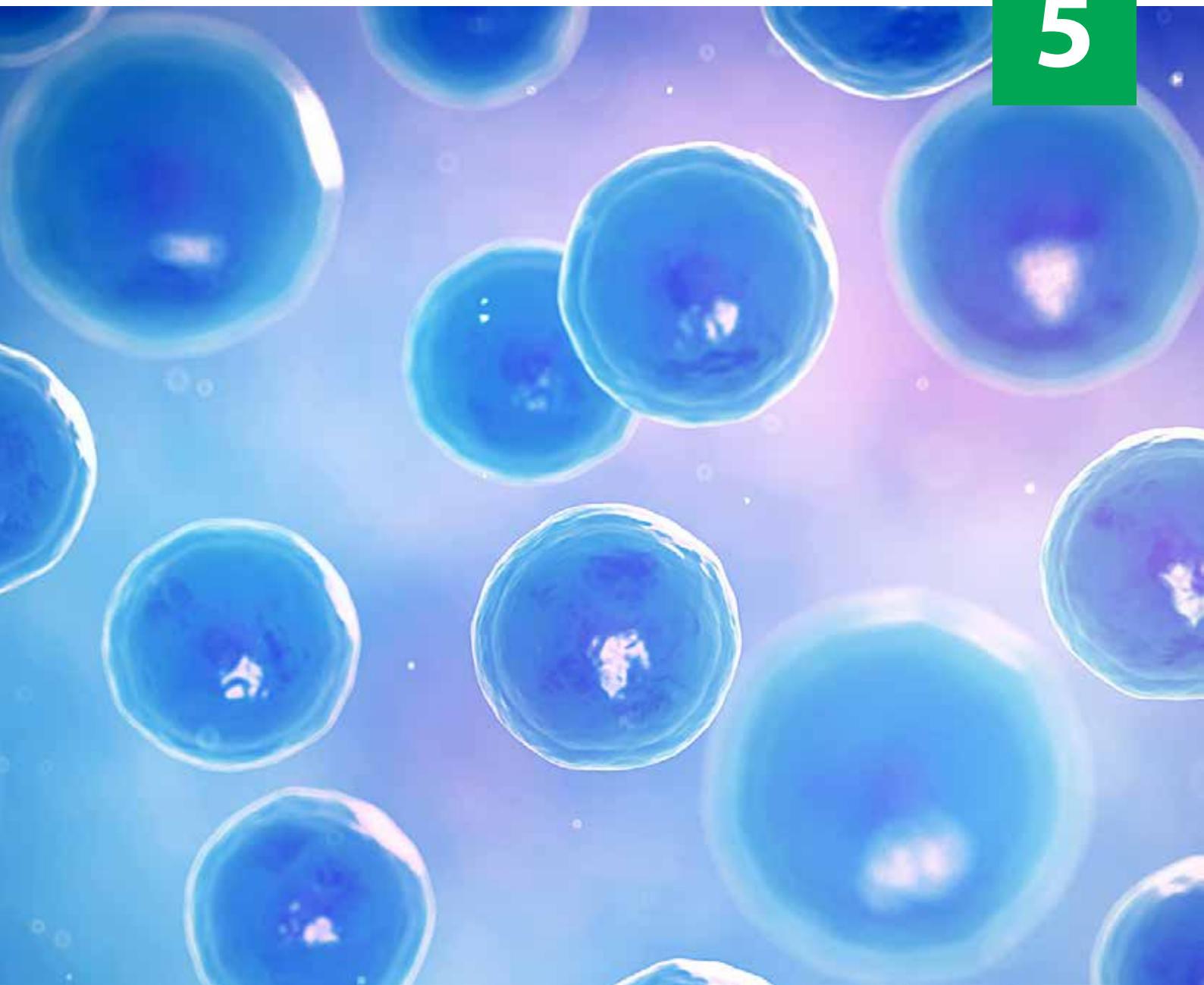


Featured 3'UTR Cell Lines

Cell Type	Species	Unit	Cat. No.
APOC3 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	121790810190
BRD4 3'UTR GFP Stable Cell Line	Human	1,000,000 cells/ml	134610810290
CXCL10 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	171660810190
FGF9 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	205120810190
FGF9 3'UTR GFP Stable Cell Line	Human	1,000,000 cells/ml	205120810290
KRAS 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	259100810190
MED19 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	283030810190
PAPPA 3'UTR GFP Stable Cell Line	Human	1,000,000 cells/ml	359940810290
PDE5A 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	362880810190
PER2 3'UTR GFP Stable Cell Line	Human	1,000,000 cells/ml	363920810290
PER3 3'UTR GFP Stable Cell Line	Human	1,000,000 cells/ml	363930810290
RELA 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	388020810190
SIX2 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	438170810190
SREBF1 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	454470810190
TLR7 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	467810810190
TRAF6 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	474380810190
TRPM7 3'UTR GFP Stable Cell Line	Human	1,000,000 cells/ml	485260810290
TRPV1 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	485300810190
TXNIP 3'UTR Luciferase Stable Cell Line	Human	1,000,000 cells/ml	488790810190



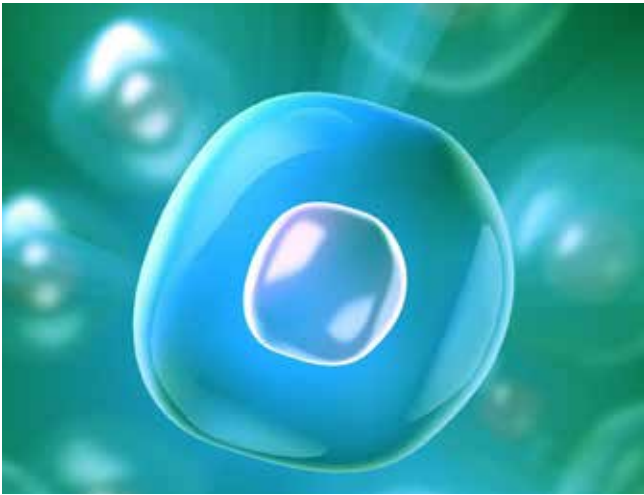
Browse our Genome-Wide Collection of 3'UTR Cell Lines at www.abmgood.com



Reporter Cell Lines

Use **abm**'s versatile collection of GFP- and RFP-expressing cell lines for your cancer research today!

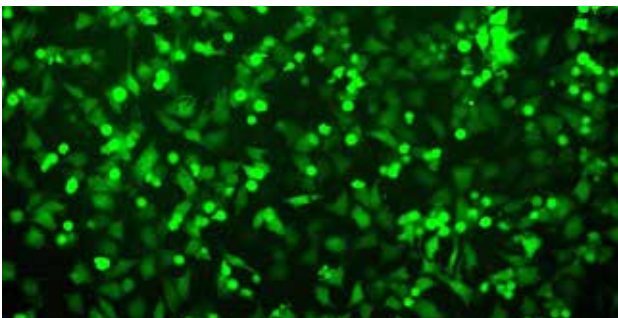
GFP- and RFP-Expressing Cell Lines



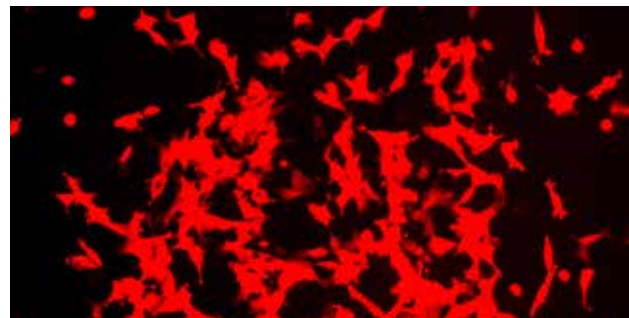
Features

- ✓ GFP- or RFP-expressing cell lines available in popular research models
- ✓ Applications include *in vivo* visualization, FACS, and drug screening studies
- ✓ Can be used *in vitro* for cancer research or *in vivo* for monitoring tumor metastasis

At **abm**, we have a wide collection of GFP- and RFP-expressing stable cell lines for your research needs.



GFP-Expressing HeLa Cell Line (Cat. No. T3903)



RFP-Expressing HEK293 Cell Line (Cat. No. T3700)

GFP-Expressing Cell Lines | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
22RV1 Cell Line	Human	1,000,000 cells/ml	T9727
A549 Cell Line	Human	1,000,000 cells/ml	T3919
A549 Cell Line (GFP1-10)	Human	1,000,000 cells/ml	T6171
Astrocyte Cell Line (Fetal)	Human	1,000,000 cells/ml	T3962
B Cell Lymphomas	Human	1,000,000 cells/ml	T3958
B-3 Cell Line	Human	1,000,000 cells/ml	T9620
Bone Marrow Mesenchymal Stem Cell Line	Human	1,000,000 cells/ml	T9713
EOC 13.31 Cell Line	Human	1,000,000 cells/ml	T3965
HCT116 Cell Line	Human	1,000,000 cells/ml	T3905
HEK293 Cell Line	Human	1,000,000 cells/ml	T3922
HEK293 Stable Cell Line (Safe Harbor Site)	Human	1,000,000 cells/ml	T3600
Hela Cell Line	Human	1,000,000 cells/ml	T3903

Cell Type	Species	Unit	Cat. No.
HeLa Cell Line (UBG76V-GFP)	Human	1,000,000 cells/ml	T6273
HepG2 Cell Line	Human	1,000,000 cells/ml	T3916
HL-60 Cell Line	Human	1,000,000 cells/ml	T3906
HT1080 Cell Line	Human	1,000,000 cells/ml	T3918
HuTu80 Cell Line	Human	1,000,000 cells/ml	T3963
Jurkat Cell Line	Human	1,000,000 cells/ml	T3920
K562 Cell Line	Human	1,000,000 cells/ml	T3913
L3.6pl Cell Line	Human	1,000,000 cells/ml	T3923
MCF7 Cell Line	Human	1,000,000 cells/ml	T3904
MDA-MB-231 Cell Line	Human	1,000,000 cells/ml	T3964
Microglia Cell Line	Human	1,000,000 cells/ml	T3961
Ovcar3 Cell Line	Human	1,000,000 cells/ml	T3910
PC-3 Cell Line	Human	1,000,000 cells/ml	T9728
PC3-M Cell Line	Human	1,000,000 cells/ml	T3924
REH Cell Line	Human	1,000,000 cells/ml	T3959
RL95-2 Cell Line	Human	1,000,000 cells/ml	T3907
SiHa Cell Line (UBG76V-GFP)	Human	1,000,000 cells/ml	T6274
Skeletal Muscle Cell Line	Human	1,000,000 cells/ml	T3960
SKUT-1 Cell Line	Human	1,000,000 cells/ml	T3908
SNU-387 Cell Line	Human	1,000,000 cells/ml	T3909
T24 Cell Line	Human	1,000,000 cells/ml	T3912
TF-1 Cell Line	Human	1,000,000 cells/ml	T3929
THP-1 Cell Line	Human	1,000,000 cells/ml	T9616
U87-MG Cell Line	Human	1,000,000 cells/ml	T3917
EMT6 Cell Line	Mouse	1,000,000 cells/ml	T9771
NIH3T3 Cell Line	Mouse	1,000,000 cells/ml	T6208
INS1E Cell Line	Rat	1,000,000 cells/ml	T3899
MDCK Cell Line	Canine	1,000,000 cells/ml	T3921
MDCK Cell Line (GFP1-10)	Canine	1,000,000 cells/ml	T6172
CHO Cell Line	Hamster	1,000,000 cells/ml	T3901

RFP-Expressing Cell Lines | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
Astrocyte Cell Line (Fetal)	Human	1,000,000 cells/ml	T3972
EOC 13.31 Cell Line	Human	1,000,000 cells/ml	T3948

Cell Type	Species	Unit	Cat. No.
HCT116 Cell Line	Human	1,000,000 cells/ml	T3933
HEK293 Cell Line (Safe Harbor Site)	Human	1,000,000 cells/ml	T3700
Hela Cell Line	Human	1,000,000 cells/ml	T3945
HL-60 Cell Line	Human	1,000,000 cells/ml	T3934
Jurkat Cell Line	Human	1,000,000 cells/ml	T3941
KYSE-150 Cell Line	Human	1,000,000 cells/ml	T9621
L3.6pl Cell Line	Human	1,000,000 cells/ml	T3950
MCF7 Cell Line	Human	1,000,000 cells/ml	T3932
Microglia Cell Line	Human	1,000,000 cells/ml	T3971
Ovcar3 Cell Line	Human	1,000,000 cells/ml	T3938
PC3-M Cell Line	Human	1,000,000 cells/ml	T3944
REH Cell Line	Human	1,000,000 cells/ml	T3947
RL95-2 Cell Line	Human	1,000,000 cells/ml	T3935
Skeletal Muscle Cell Line	Human	1,000,000 cells/ml	T3970
SKUT-1 Cell Line	Human	1,000,000 cells/ml	T3936
SNU-387 Cell Line	Human	1,000,000 cells/ml	T3937
T24 Cell Line	Human	1,000,000 cells/ml	T3940
THP-1 Cell Line	Human	1,000,000 cells/ml	T3949
NIH3T3 Cell Line	Mouse	1,000,000 cells/ml	T3946
INS1E Cell Line	Rat	1,000,000 cells/ml	T3930
MDCK Cell Line	Canine	1,000,000 cells/ml	T3942
CHO Cell Line	Hamster	1,000,000 cells/ml	T3931

GFP and RFP Dual-Expressing Cell Lines | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
HEK293 Cell Line (690)	Human	1,000,000 cells/ml	T3698

Luciferase-Expressing Cell Lines



Features

- ✓ Luciferase-expressing cell lines available in popular research models
- ✓ Applications include drug screening studies
- ✓ Can be used *in vitro* for cancer cell line research

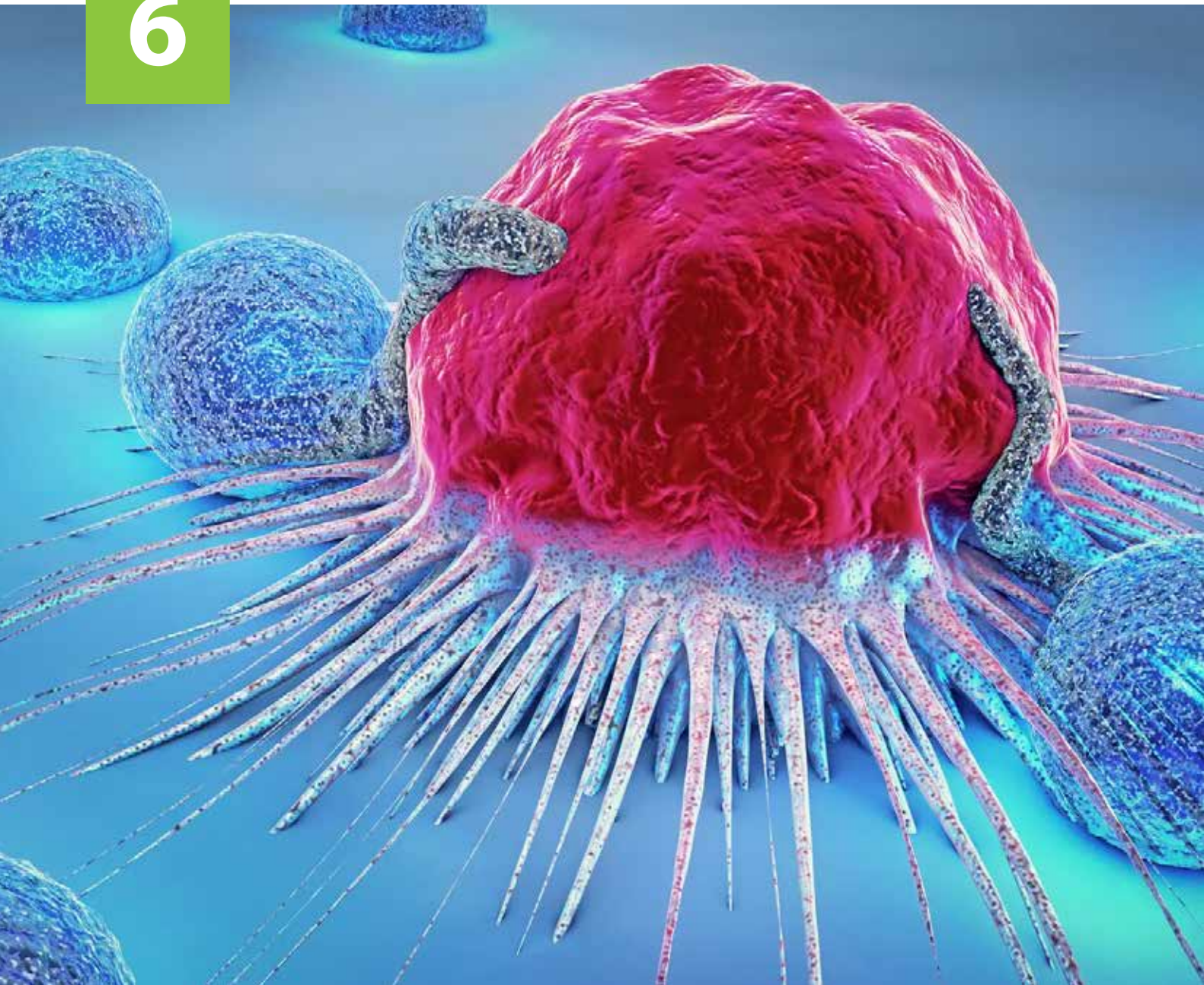
Luciferase is commonly used as a reporter to assess the transcriptional activity of a genetic construct with the luciferase gene under the control of the promoter of interest. Our luciferase-expressing cell lines are available in popular research models and can be used for *in vitro* or *in vivo* applications in cancer and drug discovery research.

Luciferase-Expressing Cell Lines | Available Cell Lines

Cell Type	Species	Unit	Cat. No.
IGR-CaP1 Cell Line	Human	1,000,000 cells/ml	T6102
IGR-N91 Cell Line	Human	1,000,000 cells/ml	T6101
IMR-32 Cell Line	Human	1,000,000 cells/ml	T6100
PC3 Cell Line	Human	1,000,000 cells/ml	T3006
tCD-Luc2 Cell Line	Human	1,000,000 cells/ml	T6023
U-87 MG Cell Line (P. pyralis)	Human	1,000,000 cells/ml	T6025
U-87 MG Cell Line (R. reniformis)	Human	1,000,000 cells/ml	T6024
U87MG/ Δ EGFR Cell Line	Human	1,000,000 cells/ml	T3009
WM-266-4 Cell Line	Human	1,000,000 cells/ml	T3013
17L3C (17L3C-luc) Cell Line	Mouse	1,000,000 cells/ml	T6240
MC38 Cell Line (Polyclonal)	Mouse	1,000,000 cells/ml	T9719
Murine Bladder Carcinoma Cell Line (MB49-Luc)	Mouse	1,000,000 cells/ml	T6335
TRAMP Cell Line (Luc2)	Mouse	1,000,000 cells/ml	T3008
Vero-rKSHV.219 Cell Line (PAN-Luciferase)	Monkey	1,000,000 cells/ml	T6131



Browse our full collection of Reporter Cell Lines at www.abmgood.com



Tumor Cell Lines

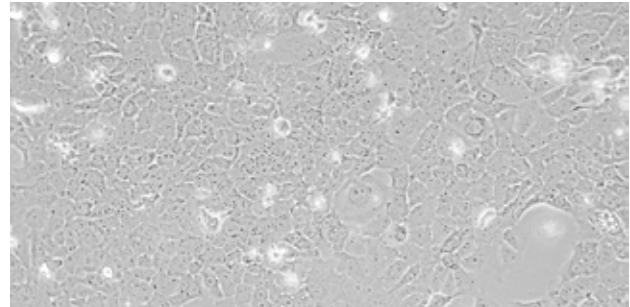
Access cell lines derived from tumor tissue to study tumor mechanisms, cancer immunology, and as useful tools for drug screening.

ASAN-PaCa Cells

ASAN-PaCa Cells are derived from tissue derived patient who underwent pancreatectomy. The cells were established to have chromosomal aberrations and exhibited high proliferation capacity. CK19 expression was observed indicating an epithelial phenotype. The cells may be used as a model of pancreatic cancer for further research in the field of pancreatic carcinogenesis.

Specifications

- Source Organ: Pancreas
- Donor Tissue: Intraductal papillary mucinous neoplasm precursor lesion, adenocarcinoma
- Donor: Female, Caucasian, 61



Ordering Information

Cat. No.	T8009
Species	Human
Unit	1,000,000 cells/ml

Featured Reference

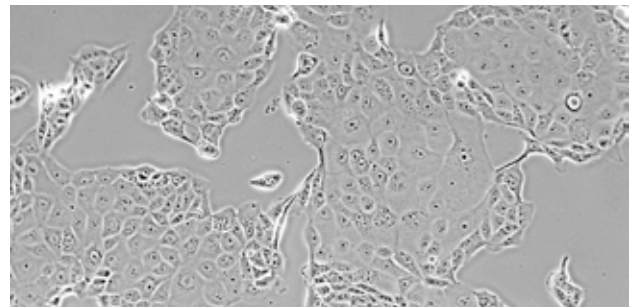
Heller, A. et al. (2016). Establishment and Characterization of a Novel Cell Line, ASAN-PaCa, Derived From Human Adenocarcinoma Arising in Intraductal Papillary Mucinous Neoplasm of the Pancreas. *Pancreas*, 45(10), 1452–1460. <https://doi.org/10.1097/MPA.0000000000000673>

Ace-1 Cells

Ace-1 cells were derived from a dog with spontaneous prostate cancer. Ace-1 cells metastasize primarily to the appendicular and axial skeleton after injection into the left cardiac ventricle in mice. Ace-1 cells can be xenografted to immunosuppressed laboratory beagles. The Ace-1 cell line demonstrates marked epithelial-mesenchymal transition and produces mixed osteoblastic and osteolytic metastases. The Ace-1 cells can be used to develop an experimental model of prostate cancer in immunosuppressed dogs to investigate molecular imaging, focal therapy of prostate cancer, and metastasis to lymph nodes, lungs and bone.

Specifications

- Source Organ: Prostate
- Donor Tissue: Prostate Carcinoma
- Donor: Male



Ordering Information

Cat. No.	T8280
Species	Dog
Unit	1,000,000 cells/ml

Featured Reference

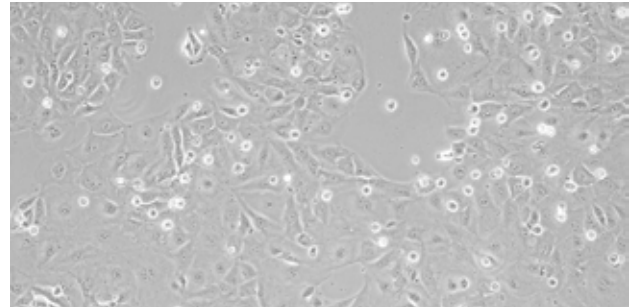
Keller, J. M. et al. (2013). A novel canine model for prostate cancer. *The Prostate*, 73(9), 952–959. <https://doi.org/10.1002/pros.22642>

K07074 Cells

The K07074 Cells are obtained from the liver tumor cells of a male CBA mouse. The cells exhibit a biliary phenotype, form colonies in soft agar, and display an increase in Hedgehog, Notch and Akt signalling. The growth of K07074 Cells is strongly inhibited with the inhibition of Akt and Notch pathways. These cells are of importance in cancer research as they could be used as a model system for testing the effect of novel chemotherapeutic agents that target the pathways deregulated in liver tumors.

Specifications

- Source Organ: Liver
- Donor Tissue: Liver tumor
- Donor: Male



Ordering Information

Cat. No.	T8010
Species	Mouse
Unit	1,000,000 cells/ml

Featured Reference

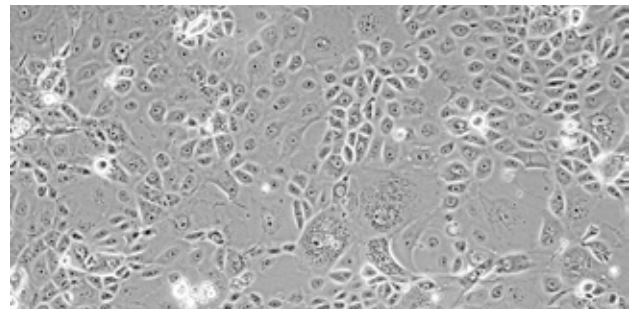
Mäemets-Allas, K., Belitškin, D., & Jaks, V. (2016). The inhibition of Akt-Pdpk1 interaction efficiently suppresses the growth of murine primary liver tumor cells. *Biochemical and biophysical research communications*, 474(1), 118–125. <https://doi.org/10.1016/j.bbrc.2016.04.082>

SCCF1 Cells

T8294 was developed from a laryngeal squamous cell carcinoma of a cat. SCCF1 cells can be used for experiments on genetic dysregulation in neoplastic keratinocytes of the feline oropharynx. These cells are a useful *in vitro* model for head and neck cancer.

Specifications

- Source Organ: Larynx
- Donor Tissue: Laryngeal squamous cell carcinoma
- Donor: Undisclosed



Ordering Information

Cat. No.	T8294
Species	Feline
Unit	1,000,000 cells/ml

Featured Reference

Tannehill-Gregg, S., Kergosien, E., & Rosol, T. J. (2001). Feline head and neck squamous cell carcinoma cell line: characterization, production of parathyroid hormone-related protein, and regulation by transforming growth factor-beta. *In vitro cellular & developmental biology. Animal*, 37(10), 676–683.

Adrenal Gland | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
Human Adrenocortical HAC13 Cells	Human	1,000,000 cells/ml	T8321
Human Adrenocortical HAC15 Cells	Human	1,000,000 cells/ml	T8322
Human Adrenocortical HAC50 Cells	Human	1,000,000 cells/ml	T8323

Airway/Lung | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
SUNE2 Cells	Human	1,000,000 cells/ml	T8020
WSU-DLCL Cells	Human	1,000,000 cells/ml	T8232
mEER Cells	Mouse	1,000,000 cells/ml	T8308
mEERL Cells	Mouse	1,000,000 cells/ml	T8309
MLM Cells Clone 1	Mouse	1,000,000 cells/ml	T8310
MLM Cells Clone 3	Mouse	1,000,000 cells/ml	T8311
MLM Cells Clone 5	Mouse	1,000,000 cells/ml	T8312
MLM Cells Clone 10	Mouse	1,000,000 cells/ml	T8313

Bile Duct | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
Ham-1 Cells	Hamster	1,000,000 cells/ml	T8201

Bladder | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
UPPL1541 Cells	Mouse	1,000,000 cells/ml	T8245

Blood | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
CUTLL1 Cells	Human	1,000,000 cells/ml	T8008
HBL-1 Cells	Human	1,000,000 cells/ml	T8204
HBL-2 Cells	Human	1,000,000 cells/ml	T8205
HBL-3 Cells	Human	1,000,000 cells/ml	T8206
Rheumatoid Arthritis EBV+ Cells (Carejavi-01)	Human	1,000,000 cells/ml	T8325
Chemotaxis/L1/2 Cells	Mouse	1,000,000 cells/ml	T8297
EMCLL-06 Cells	Mouse	1,000,000 cells/ml	T8015

Bone | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
A2243 Cells	Human	1,000,000 cells/ml	T8324
U2OS Cells	Human	1,000,000 cells/ml	T8293
TNO Cells	Canine	1,000,000 cells/ml	T8318
TOB Cells	Canine	1,000,000 cells/ml	T8314
TOL Cells	Canine	1,000,000 cells/ml	T8315
TOM Cells	Canine	1,000,000 cells/ml	T8316
TOT Cells	Canine	1,000,000 cells/ml	T8317

Bone Marrow | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
SNU MM1393 BM Cells	Mouse	1,000,000 cells/ml	T8214

Brain | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
U251N Cells	Human	1,000,000 cells/ml	T8242
ALTS1C1 Cells	Mouse	1,000,000 cells/ml	T8239
mIL39 Cells	Mouse	1,000,000 cells/ml	T8007
mIL5 Cells	Mouse	1,000,000 cells/ml	T8006

Breast | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
SUM149 Cells	Human	1,000,000 cells/ml	T1250
Tamoxifen-resistant MCF-7 (MCF-7/TAM1) Cells	Human	1,000,000 cells/ml	T8216
ZR-75-1 Cells	Human	1,000,000 cells/ml	T1249
FR37-CMT Cells	Canine	1,000,000 cells/ml	T8002
IPC-366 Cells	Canine	1,000,000 cells/ml	T8202
HMAM5 Cells	Hamster	1,000,000 cells/ml	T8099

Colon | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
HCT-8/VCR Cells	Human	1,000,000 cells/ml	T8236
HCT116 Cells	Human	1,000,000 cells/ml	T8240
HT29-C1.16E Cells	Human	1,000,000 cells/ml	T8213

Cell Type	Species	Unit	Cat. No.
HT29-C1.19A Cells	Human	1,000,000 cells/ml	T8212
JVE-109 Cells	Human	1,000,000 cells/ml	T8225
CT26 Cells	Mouse	1,000,000 cells/ml	T8267
MC-38 Cells	Mouse	1,000,000 cells/ml	T8291

Digestive | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
HT-29-CI27H Cells	Human	1,000,000 cells/ml	T8211
KBDC-11 Cells	Human	1,000,000 cells/ml	T8200

Kidney | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
KIJ265T Cells	Human	1,000,000 cells/ml	T8249
RWV366T Cells	Human	1,000,000 cells/ml	T8250
Wilms' Tumor 17.94 Cells	Human	1,000,000 cells/ml	T8209
Vero C1008 Cell Line, Clone E6	Monkey	1,000,000 cells/ml	T8300
Vero Cell Line	Monkey	1,000,000 cells/ml	T8299
Vero Cell Line (Animal Component Free)	Monkey	1,000,000 cells/ml	T8298

Larynx | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
SCCF1 Cells	Feline	1,000,000 cells/ml	T8294

Liver | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
HCC 3-4 Cells	Mouse	1,000,000 cells/ml	T8235
K07074 Cells	Mouse	1,000,000 cells/ml	T8010
YMAC1 Cells	Mouse	1,000,000 cells/ml	T8233

Lung | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
EGFP/G418 Resistant H1299 Cells	Human	1,000,000 cells/ml	T8238
sNF94.3 Cells	Human	1,000,000 cells/ml	T8272

Oral | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
CCOC-T Cells	Human	1,000,000 cells/ml	T8241
HN12 Cells	Human	1,000,000 cells/ml	T8292
OC3 Cells	Human	1,000,000 cells/ml	T8327
TR146 Cells	Human	1,000,000 cells/ml	T8207
UM-HACC-2A Cells	Human	1,000,000 cells/ml	T8326
UPMM1 Cells	Human	1,000,000 cells/ml	T8217
UPMM2 Cells	Human	1,000,000 cells/ml	T8218
UWO23 (HPV33) Cells	Human	1,000,000 cells/ml	T8289
UWO37 (HPV16) Cells	Human	1,000,000 cells/ml	T8290
SCCF2 Cells	Feline	1,000,000 cells/ml	T8295
SCCF3 Cells	Feline	1,000,000 cells/ml	T8296

Ovary | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
OV-MZ-22 Cells	Human	1,000,000 cells/ml	T8234

Pancreas | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
AMCPAC04 Cells	Human	1,000,000 cells/ml	T8222
ASAN-PaCa Cells	Human	1,000,000 cells/ml	T8009

Prostate | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
CWR-R1 Cells	Human	1,000,000 cells/ml	T8263
MuCaP321 Cells	Mouse	1,000,000 cells/ml	T8301
MuCaP376 Cells	Mouse	1,000,000 cells/ml	T8302
MuCaP379.1 Cells	Mouse	1,000,000 cells/ml	T8304
MuCaP379AP Cells	Mouse	1,000,000 cells/ml	T8303
Ace-1 Cells	Canine	1,000,000 cells/ml	T8280
Ace-1 Cells (Luciferase Transduced)	Canine	1,000,000 cells/ml	T8281
FM Cells	Canine	1,000,000 cells/ml	T8282
FM Cells (Luciferase Transduced)	Canine	1,000,000 cells/ml	T8283
Leo Cells	Canine	1,000,000 cells/ml	T8278
Leo Cells (Luciferase Transduced)	Canine	1,000,000 cells/ml	T8279

Cell Type	Species	Unit	Cat. No.
LuMa Cells	Canine	1,000,000 cells/ml	T8284
LuMa Cells (Luciferase Transduced)	Canine	1,000,000 cells/ml	T8285
Probasco Cells	Canine	1,000,000 cells/ml	T8276
Probasco Cells (Luciferase Transduced)	Canine	1,000,000 cells/ml	T8277

Renal | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
BCJ-4T Cells	Human	1,000,000 cells/ml	T8320
H295RA Cells	Human	1,000,000 cells/ml	T8243
BBN963 Cells	Mouse	1,000,000 cells/ml	T8244

Reproductive | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
HOVTAX2 Cells	Human	1,000,000 cells/ml	T8248
SEM-1 Cells	Human	1,000,000 cells/ml	T8021

Skeletal Muscle | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
CDS11 Cells	Human	1,000,000 cells/ml	T8286
EACH-1 Cells	Human	1,000,000 cells/ml	T8000
HT1080 Clone 2 Cells	Human	1,000,000 cells/ml	T8265
HT1080 Clone 3A3 Cells	Human	1,000,000 cells/ml	T8264
T-CDS17 Cells	Human	1,000,000 cells/ml	T8287
T-CDS17-4 Cells	Human	1,000,000 cells/ml	T8288
C2C12 Cells (GFP1-10 Clone)	Mouse	1,000,000 cells/ml	T8003
C2C12 Cells (GFP11 Clone)	Mouse	1,000,000 cells/ml	T8004
C2C12 Cells (YAP1-GFP11 Clone)	Mouse	1,000,000 cells/ml	T8005

Skin | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
MELA15 Cells	Human	1,000,000 cells/ml	T8319
SNU MM1393 SC Cells	Mouse	1,000,000 cells/ml	T8215

Spleen | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
Murtaugh001 Cells	Porcine	1,000,000 cells/ml	T8305
Murtaugh002 Cells	Porcine	1,000,000 cells/ml	T8306
Murtaugh003 Cells	Porcine	1,000,000 cells/ml	T8307

Stomach | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
AGS Cells	Human	1,000,000 cells/ml	T8246
AGS siEGFR Cells	Human	1,000,000 cells/ml	T8247
HGT-1 Cells	Human	1,000,000 cells/ml	T8210

Thymus | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
Scid.adh Cells	Mouse	1,000,000 cells/ml	T8203

Thyroid | Available Tumor Cell Lines

Cell Type	Species	Unit	Cat. No.
EAM306 Cells	Human	1,000,000 cells/ml	T8259
IU-TAB-1 Cells	Human	1,000,000 cells/ml	T8001
JEM493 Cells	Human	1,000,000 cells/ml	T8260
LAM1 Cells	Human	1,000,000 cells/ml	T8255
LAM136 Cells	Human	1,000,000 cells/ml	T8256
SDAR1 Cells	Human	1,000,000 cells/ml	T8257
SDAR2 Cells	Human	1,000,000 cells/ml	T8258
THJ11T Cells	Human	1,000,000 cells/ml	T8251
THJ16T Cells	Human	1,000,000 cells/ml	T8252
THJ21T Cells	Human	1,000,000 cells/ml	T8253
THJ29T Cells	Human	1,000,000 cells/ml	T8254
THJ529 Cells	Human	1,000,000 cells/ml	T8261
THJ560 Cells	Human	1,000,000 cells/ml	T8262



Browse our full collection of Tumor Cell Lines at www.abmgood.com



Other Cell Biology Reagents and Services

Save time, resources, and achieve high-quality, reproducible results with **abm**'s cell culture reagents and services.

PriGrow Media Series



Features

- ✓ Optimized to encourage healthy cultures for many different cell types
- ✓ Basal media that is both serum-free and antibiotic-free for further supplementation
- ✓ Each lot is rigorously tested for sterility, pH, osmolality and endotoxin levels

Product	Unit	Cat. No.
PriGrow I Medium	500 ml	TM001
PriGrow II Medium	500 ml	TM002
PriGrow III Medium	500 ml	TM003
PriGrow IV Medium	500 ml	TM004
Prigrow X.1 Medium	1 Kit	TM010
Prigrow XI Medium	450 ml	TM011
Prigrow XII Medium	500 ml	TM012
Prigrow XIII Medium	500 ml	TM013
Prigrow XIV Medium	500 ml	TM014
Prigrow V Medium	500 ml	TM015
Prigrow VI Medium	500 ml	TM016
Prigrow VII Medium	500 ml	TM017
Prigrow VIII Medium	500 ml	TM018
Prigrow IX Medium	500 ml	TM019
Prigrow XV Medium	500 ml	TM027
Prigrow XVI Medium	500 ml	TM028
Prigrow XVIII Medium	500 ml	TM039
Prigrow CI Medium	500 ml	TM101

Mycoplasma PCR Detection Kit

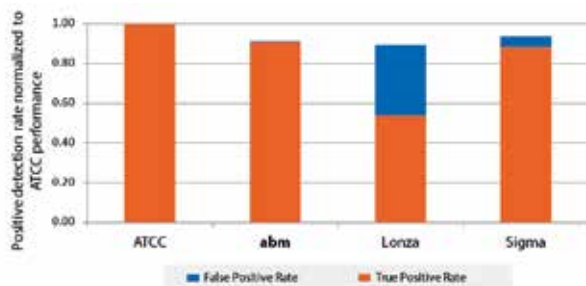


Features

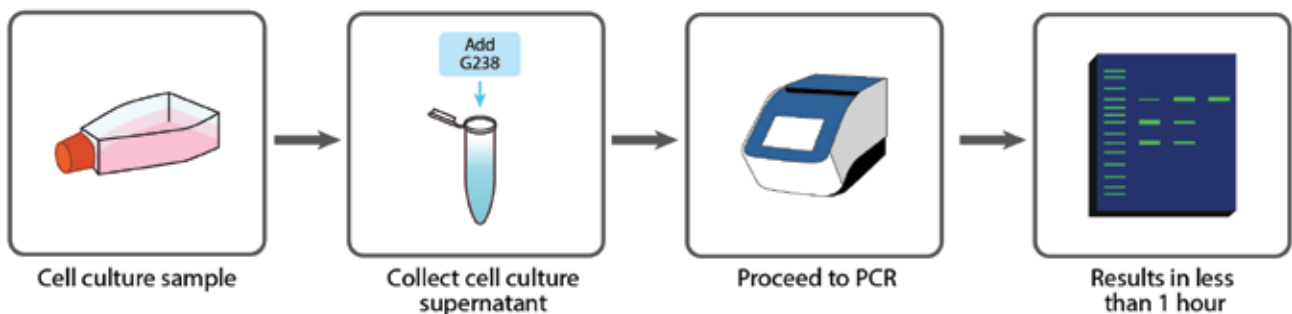
- ✓ Add cell culture supernatants directly to PCR reaction (no DNA isolation needed)
- ✓ Detect 200+ *Mycoplasma* species in <2 hrs
- ✓ Includes ready-to-use primer mix and positive control
- ✓ Publication by National Health Agency gives top rankings in cost and performance

Products	Unit	Cat. No.
PCR Mycoplasma Detection Kit	100 reactions	G238

abm's bestselling Mycoplasma PCR Detection Kit is designed to minimize false positives and ensure quick and reliable routine screening of cell cultures. A recent official publication by a National Public Health Agency found that our kit out-performs Sigma and Lonza's kits while being 6X less expensive than ATCC's kit (Russell et al., 2020).



abm's Mycoplasma PCR Detection Kit (Cat. No. G238) demonstrates higher true positive rates and lower false positive rates than two other leading competitors, and performs on par with ATCC's kit at only a fraction of the price per reaction. Data is published by the Division of Vector-Borne Disease, Centers for Disease Control and Prevention, Fort Collins, CO, United States (Russell et al., 2020).



An official publication by a National Public Health Agency finds our kit out-performs Sigma and Lonza's kits:

Russell, B. J., Horiuchi, K., Velez, J. O., Goodman, C. H., & Johnson, B. W. (2020). Mycoplasma detection in a historical arbovirus repository: Commercial kit comparison and implications for improved repository management. *Journal of virological methods*, 276, 113769. DOI: 10.1016/j.jviromet.2019.113769

Mycoplasma Elimination Cocktail



Features

- ✓ Eliminate 70+ different species of *Mycoplasma* with only 4 treatments
- ✓ Minimal cytotoxic effects
- ✓ Simply add cocktail directly to cell culture medium
- ✓ Works with suspension and adherent cells

Product	Unit	Cat. No.
Mycoplasma Elimination Cocktail	2 x 1.0 ml	G398

Mycoplasma Detection & Decontamination Services

Let us detect and decontaminate your cells for you! Request your no-obligation quote by emailing quotes@abmgood.com.



Comprehensive

Detect 200+ and eliminate 70+ species of *Mycoplasma*



Convenient

Send us serum/supernatant, frozen, or live cells



Supportive

Access 30 day backup vial of decontaminated cells

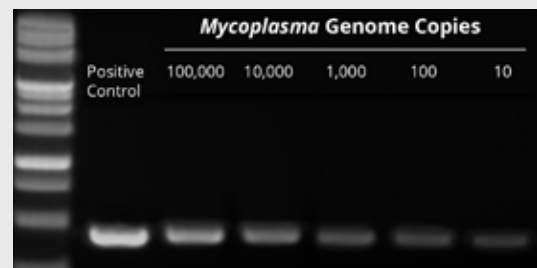
Service	Turnaround time	Unit	Cat. No.
<i>Mycoplasma spp.</i> Detection Service	Report provided in 10 business days	1 Sample	C214
<i>Mycoplasma spp.</i> Decontamination Service	Report and 2 vials of decontaminated cells provided in 45 business days	1 Sample	C232

Why test your cells for *Mycoplasma*?

Mycoplasma can be present in your growth media without being visibly detected, causing significant experimental errors due to its effects on:

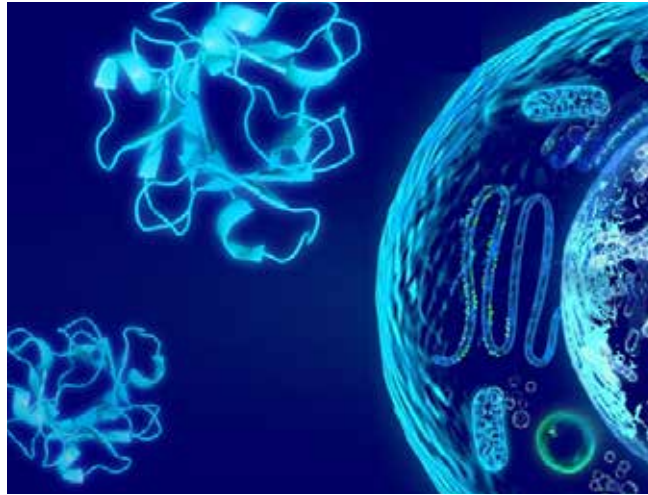
- proliferation
- metabolism
- gene synthesis & processing
- and more

Many publishers request *Mycoplasma* test reports along with manuscript submissions to ensure accuracy in data reporting.



abm's Mycoplasma PCR Detection Kit (Cat. No. G238) was used to detect samples containing ~10 to 100,000 genome copies of *Mycoplasma*. Presence of *Mycoplasma* was confirmed as a 450 bp band.

Growth Factors and Cytokines



Features

- ✓ 250+ human, mouse, and rat growth factors from major families
- ✓ ≥95% purity with endotoxin below 1 EU/μg
- ✓ High biological activity
- ✓ Flexible aliquot sizes and animal-free options

Enjoy 250+ growth factors and cytokines from all the major families:

Adipor/Armet Families

Chemokine-alpha Family (CXC)

Chemokine-beta Family (CC)

Chemokine-gamma Family (C)

CNTF/CCN Families

EGF Family

FGF Family

FIZZ(Resistin)/Leptin Families

HDGF/S-100/EPO(TPO) Families

Hedgehog Family

IGF/Insulin Family

IL-1 Family

IL-10/Interferon Family

IL-12 Family

IL-17 Family

IL-6 Family

MIA(OTOR)/MIF/OSM(LIF) Families

Neuritin/NGF-β/NOTCH Families

Other Growth Factors/Cytokines

Other Interleukins

Proteases and Protease Inhibitors

Somatotropin/Sclerostin/Serpin Families

TGF-beta Super-Family

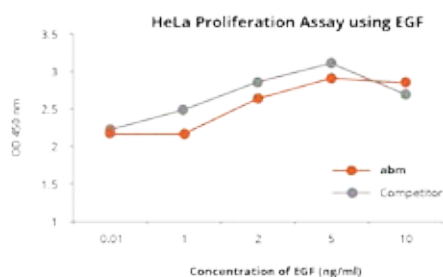
TNF Super-Family

VEGF/PGDF/Pleiotrophin Families

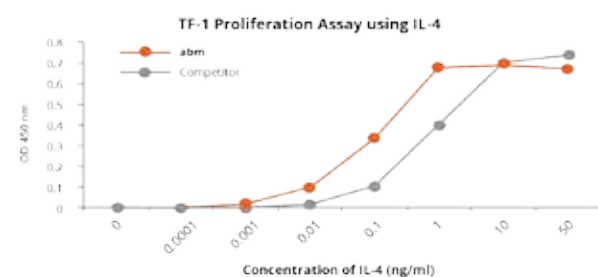
Wnt Family



HeLa Cells (No Cytokine Control) abm EGF Competitor EGF



TF-1 Cells (No Cytokine Control) abm IL4 Competitor IL4



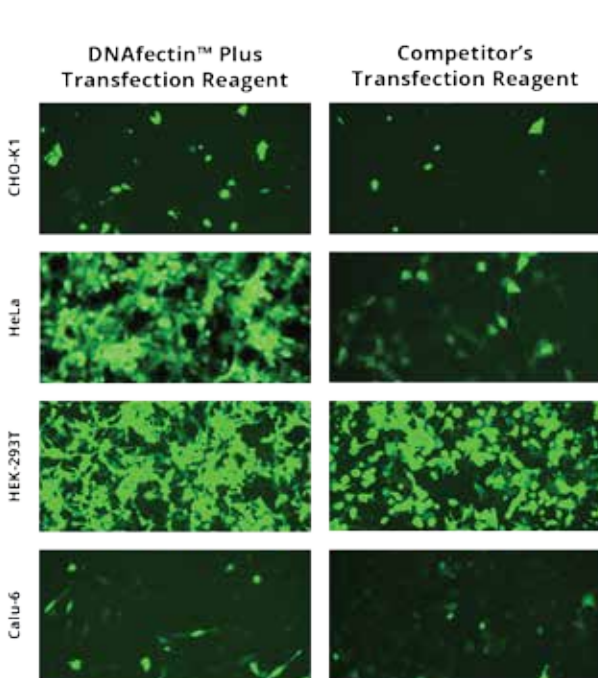
Transfection Reagents



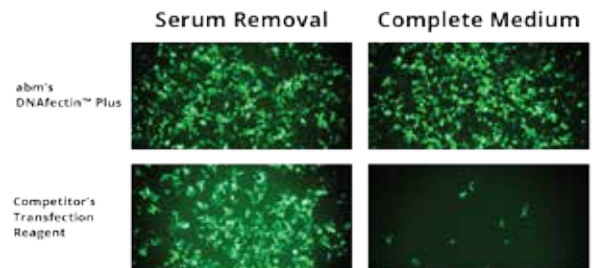
Features

- ✓ Minimal cytotoxicity
- ✓ Out-performs in a range of cells
- ✓ Easy-to-use formulations for a wide variety of applications
- ✓ Serum-compatible options available (Cat. No. G4000 and G2500)

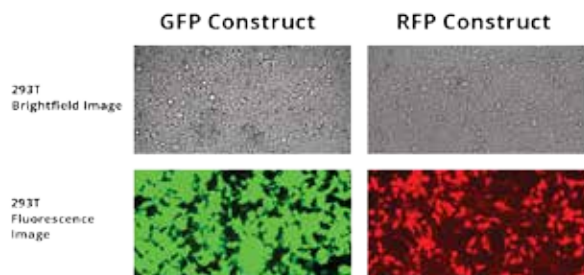
Products	Applications	Unit	Cat. No.
Susfectin™	Serum-compatible transfection of DNA into 293 and CHO cells	1.0 ml	G4000
DNAfectin™ 2100	Transfection of DNA into eukaryotic cells	1.0 ml	G2100
DNAfectin™ Plus	Serum-compatible transfection of DNA into eukaryotic cells	1.0 ml	G2500
RNAifectin™	Transfection of RNAi oligos into eukaryotic cells	1.0 ml	G073
Lentifectin™	Transfection of lentiviral vectors into eukaryotic cells	1.0 ml	G074
Calciumfectin™	Transfection of retroviral vectors into eukaryotic cells	1 Kit	G099
Polybrene	General purpose transfection reagent	1.0 ml, 0.8 mg/ml	G062



DNAfectin™ Plus out-performs competitors in transfection efficiency for a variety of popular cell lines. Images were taken 24 hours post-transfection.



HEK-293T Cells were transfected with a GFP construct using DNAfectin™ Plus (Cat. No. G2500) or a competitor's transfection reagent in the presence or absence of serum/culture medium.



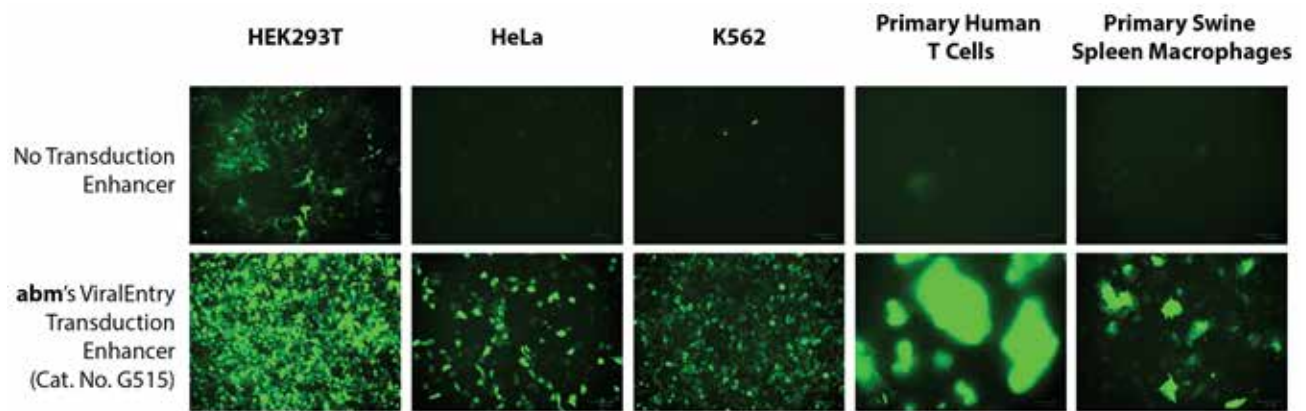
293T cells were transfected with a GFP (left) or RFP (right) construct using Lentifectin™ (Cat. No. G074). Brightfield and fluorescence microscopy show the 90-100% transfection.

Viral Transduction Enhancers



Features

- ✓ Boosts transduction efficiency for lentivirus and AAV up to 10X in diverse cells types
- ✓ Works with difficult cells (T & B cells)
- ✓ Easy-to-use; add directly into media
- ✓ Satisfaction guaranteed or a full refund



abm's ViralEntry™ Transduction Enhancer boosts transduction efficiency by up to 10X in a broad range of cells. HEK293T, HeLa, K562, Primary Human T Cells, and Primary Swine Spleen Macrophages were transduced with Scrambled siRNA GFP Lentivirus (Cat. No. LVP015-G) without using a transduction enhancer and using **abm's ViralEntry™** Transduction Enhancer (Cat. No. G515).

Products	Unit	Cat. No.
ViralEntry™ Transduction Enhancer	1.0 ml	G515

Low Serum Media and Supplement Kits

A proprietary formulation of growth factors and supplements developed for the optimal growth of the target cell type.

Product	Unit	Cat. No.
Adipocyte Differentiation Medium	250 ml	TM005
Adipocyte Medium Kit	1 Kit	TM073
Air Liquid Interface Differentiation Medium	500 ml	TM091
Bronchial Endothelial Cell Growth Medium	500 ml	TM092
Bronchial Epithelial Medium Kit	1 Kit	TM044
Dendritic Cell Differentiation Medium	250 ml	TM008

Product	Unit	Cat. No.
Endothelial Medium Kit	1 Kit	TM042
Expansion Medium Kit for Fusion Hepatocyte-like Cells	1 Kit	TM117
Fibroblast Medium Kit	1 Kit	TM046
Hepatocyte Growth Medium Kit	1 Kit	TM103
Hepatocyte Induction & Expansion Medium Kit	1 Kit	TM115
Hepatocyte Maintenance Medium	250 ml	TM089
Hepatocyte Maturation Medium Kit	1 Kit	TM116
Hepatocyte Plating Medium	250 ml	TM088
Hepatocyte Thaw Medium	100 ml	TM081
Hepatocyte Thawing Medium	100 ml	TM082
Hepatocyte Thawing Medium	50 ml	TM102
Human Endothelial Cell Growth Medium Kit	1 Kit	TM104
Human Epithelial Cell Growth Medium Kit	1 Kit	TM106
Human Fibroblast Cell Growth Medium Kit	1 Kit	TM107
Human iPSC Culture Medium Kit	1 Kit	TM020
Human Liver Sinusoidal Endothelial Cell Media Kit	1 Kit	TM112
Human Liver Sinusoidal Endothelial Cell Thawing Medium	50 ml	TM111
Human Smooth Muscle Cell Growth Medium Kit	1 Kit	TM108
Intestinal Epithelial Cell Medium	100 ml	TM090
Intrahepatic Biliary Epithelial Cell (Cholangiocytes) Growth Medium	500 ml	TM087
Keratinocyte Medium Kit	1 Kit	TM040
Kupffer Cell Maintenance Medium	250 ml	TM085
Kupffer Cell Plating Medium	250 ml	TM084
M1-Macrophage Differentiation Medium	250 ml	TM006
M2-Macrophage Differentiation Medium	250 ml	TM007
Mammary Epithelial Medium Kit	1 Kit	TM043
Melanocyte Medium Kit	1 Kit	TM047
Mesenchymal Stem Cell (MSC) Medium Kit	1 Kit	TM022
Multi-Lineage Progenitor Cell Differentiation Media Kit	1 Kit	TM114
Myocyte Medium Kit	1 Kit	TM072
Neural Stem Cell Medium Kit	1 Kit	TM025
Preadipocyte Medium Kit	1 Kit	TM048
Rat iPSC Cell Culture Medium Kit	1 Kit	TM021
Sinusoidal Endothelial Cell Growth Medium	500 ml	TM086
Skeletal Muscle Medium Kit	1 Kit	TM049
Small Airway Epithelial Medium Kit	1 Kit	TM045

Product	Unit	Cat. No.
Smooth Muscle Medium Kit	1 Kit	TM041
Stellate Growth Medium	500 ml	TM083
Undifferentiated Multi-Lineage Progenitor Cell Media Kit	1 Kit	TM113

Antibiotic Solutions

Product	Unit	Cat. No.
Amphotericin B (Fungizone)	100 ml	G274
Antibiotic/Antimycotic (100X)	100 ml	G273
Geneticin (Antibiotic G418)	10 ml	G271
Gentamicin	10 ml	G272
Penicillin/Streptomycin Solution	100 ml	G255
Tetracycline	5 x 1.0 ml	G260

Cell Attachment and Detachment Factors

Product	Unit	Cat. No.
Applied Cell Extracellular Matrix	25 ml	G422
Fibronectin Coating Solution (1 mg/mL)	1.0 mg	TM059
Gelatin Coating Solution (0.1%)	100 ml	TM063
Gentle Dissociation Solution	100 ml	TM080
Poly-L-Lysine Coating Solution (0.1%)	25 ml	TM061
Poly-L-Ornithine Coating Solution (0.1 mg/ml)	50 ml	TM062
Trypsin-EDTA (0.25%)	500 ml	TM050
Trypsin-EDTA (0.05%)	500 ml	TM154
Trypsin Neutralizing Solution	100 ml	TM069
Vitronectin Coating Solution (0.5 mg/ml)	0.2 ml	TM060

Cell Culture Supplements

Product	Unit	Cat. No.
1 M HEPES	500 ml	TM058
Apo-Transferrin	50 mg	TM055
Bovine Pituitary Extract (BPE)	5 ml	TM067
Bovine Serum Albumin Solution (7.5%)	100 ml	TM054
Endothelial Cell Growth Supplement (ECGS) - 500X	1 ml	TM141
Human Holo Transferrin	100 mg	G599

Product	Unit	Cat. No.
Hydrocortisone	1.0 g	G066
Insulin Solution (10 mg/ml)	1.0 ml	TM053
Insulin-Transferrin-Sodium Selenite Supplement (100X)	10 ml	TM052
L-glutamine	100 ml	G275
Macrophage Culture Supplement/L-cell Supernatant	40 ml	TM142
Non-Essential Amino Acids (100X)	100 ml	TM068
Recombinant Human Serum Albumin	100 µg	TM038
Sodium Pyruvate Solution (100 mM)	100 ml	TM057
Trypan Blue Stain	100 ml	TM071

Cryopreservation

Product	Unit	Cat. No.
Cryopreservation Medium	100 ml	TM024
Serum- Free Cryopreservation Medium	25 ml	TM026
iPSC Freezing Media	100 ml	TM023

Cell Line Insurance Services

Worried about losing your cells due to contamination, thawing, growth difficulties or even a random freezer breakdown? Enjoy peace of mind when you are covered with **abm**'s Cell Line Insurance program.

- ✔ Get 100% protection for any cell lines you have purchased from **abm** with a free replacement vial, no questions asked
- ✔ Flexible plans with our 4- and 6-month coverage options
- ✔ No loss—if no replacement is requested during the coverage period, receive your insurance fees back as store credit

4 Month Coverage Plan	
Cat. No.	C192
Coverage	Four months from delivery of original order.
Credit Options	<ul style="list-style-type: none"> If a replacement vial is not requested during the first four months, your insurance fees will be turned into a credit that can be applied towards any Cell Culture reagents. Credit valid for six months after insurance expires.

6 Month Coverage Plan	
Cat. No.	C193
Coverage	Six months from delivery of original order.
Credit Options	<ul style="list-style-type: none"> If a replacement vial is not requested during the first six months, your insurance fees will be turned into a credit that can be applied towards any Cell Culture reagents. Credit valid for six months after insurance expires.

Other Custom Cell Biology Services

With more than 15+ years of experience in culturing and engineering cells, **abm**'s comprehensive collection of custom cell biology services supports you from project inception to asset delivery and beyond! By working with our team of 250+ personnel across 90,000+ sq. ft. of lab space,

you can expect fast turnaround times and stringent quality control. No matter what budget, timeline, and project requirements, our flexibility and results driven approach offers custom solutions to meet any client demands!

Our Custom Services Menu



Cell Immortalization



Pathogen Testing Service



Gene Expression Assay Service



Cell Line Authentication



Cell Line Species Identification



Contamination Detection

Customer Testimonials

We are quite happy with the knockout cells that you made. This was a tricky knockout and hemizygous removal was much more prevalent than the double knockout, but you did it. In addition to your excellent genomic sequence characterization of both mutant LIF alleles, I have confirmed in our lab that the tumor cells have lost all mouse LIF production.

Dr. Robert Jackman, Boston University

abm has always been very helpful with technical assistance in any of our questions and concerns. I also consider the price for the services provided as very competitive, as other companies charge a multiple of **abm**'s price. I would highly recommend **abm**'s service to any customer interested in custom-made pluripotent stem cells.

Dr. Cameron Moshfegh, ETH Zurich



Contact our Technical Consultants for a free consultation at custom@abmgood.com



Cell Culture Equipment

Choose from **abm's** range of budget-friendly equipment to reliably protect, preserve, and culture your samples.

PriCoat™ Coated Flask Series



Features

- ✓ Coated with a proprietary matrix that optimizes growth for a wide variety of cells
- ✓ E-beam sterilized and vacuum plasma TC-treated for enhanced cell attachment
- ✓ Available as filter capped T25 and T75 flasks

Product	Unit	Cat. No.
PriCoat™ T25 Flasks	10 Flasks	G299
PriCoat™ T75 Flasks	5 Flasks	G299-T75

Cell Culture Flasks, Plates, and Dishes

Select from our vacuum plasma TC-treated and E-beam sterilized cell culture plastics for optimal cell growth.

Product	Size	Unit	Cat. No.
Multiwell Cell Culture Plates	6 wells	50/case	P0100
Cell Culture Dishes	100 mm	300/case	P0100
Cell Culture Flasks (Vent Cap)	175 cm ²	40/case	P0220
	225 cm ²	25/case	P0230
Hemocytometer	79 x 39 x 13 mm	1 plate	B560
Hemocytometer Cover Glass	20 x 20 mm	100 slips	B561
Media Bottles	50 ml	360/case	B613
	500 ml	48/case	B614

Cell Freezing Container



Features

- ✓ Ensures even and consistent freezing without the need for alcohol
- ✓ No pre-cooling required
- ✓ Temperature equilibrates within 5 minutes
- ✓ Durable design and easy to open/handle

Product	Size	Unit	Cat. No.
Cell Freezing Container	12 Vial	1 Container	Q5085
	30 Vial	1 Container	Q5086

Cryogenic Liquid Nitrogen Storage Tank



Features

- ✓ Lightweight, medium-range storage capacity for small space requirements
- ✓ Advanced super-insulated and ultra-high vacuum technology ensures stable storage for up to 4 months
- ✓ Low liquid nitrogen consumption

Product	Size	Unit	Cat. No.
Cryogenic Liquid Nitrogen Storage Tank	47 L	1 Unit	Q5135

High Speed Micro-centrifuge with 24 x 1.5 ml Rotor



Features

- ✓ Reaches up to 20,000 x g in just 16 seconds
- ✓ Speed range of 100-15,000 rpm, adjustable by increments of 100 rpm
- ✓ Comes with fixed angled rotor that can hold 24 x 1.5 ml tubes
- ✓ 1 year manufacturer's warranty

Product	Speed Range	Unit	Cat. No.
High Speed Micro-centrifuge with 24 x 1.5 ml Rotor	100-15,000 rpm	1 Unit	Q5140

Benchtop Centrifuge with Swing Buckets, 4000 rpm



Features

- ✓ Speed range of 100-4,000 rpm, adjustable by increments of 100 rpm
- ✓ Comes with rotor containing 4 Swing Buckets (8 x 15 ml and 4 x 50 ml)
- ✓ 1 year manufacturer's warranty

Product	Speed Range	Unit	Cat. No.
Benchtop Centrifuge with Swing Buckets, 4000 rpm	100-4,000 rpm	1 Unit	Q5120
Available Accessories:			
15 ml Swing Rotor Buckets		1 Unit	Q5121
50 ml Swing Rotor Buckets		1 Unit	Q5122
Plate Rotor		1 Unit	Q5123

86°C Ultra Low Temperature Lab Freezer

Protect your samples and pursue your research worry-free with **abm's** state-of-the-art ULT lab freezer.

Features

- ✓ Durable and Energy Saving
 - Stainless steel structure
 - Adjustable shelving
 - Double silicone gasket seal
 - 2X foam insulation
 - High efficiency EBM fan
 - Low noise levels
- ✓ Touchscreen Controls
 - 7" LED touchscreen
 - Precision control $\pm 1^{\circ}\text{C}$
 - Password-protected panel
 - Historical data browsing
 - USB data download option
- ✓ Intelligent Alarms
 - High/low temperature
 - Low battery
 - Improper door seal
 - And more custom settings
- ✓ Lockable Door
- ✓ Move and Secure Freezer with Ease
 - Wheels and stand bars attached directly to freezer body
- ✓ 3 Year Compressor Warranty



510 L Capacity
40,000 vials



Product	Capacity	Unit	Cat. No.
-86°C Ultra Low Temperature Lab Freezer	510 L	1 Unit	Q5126

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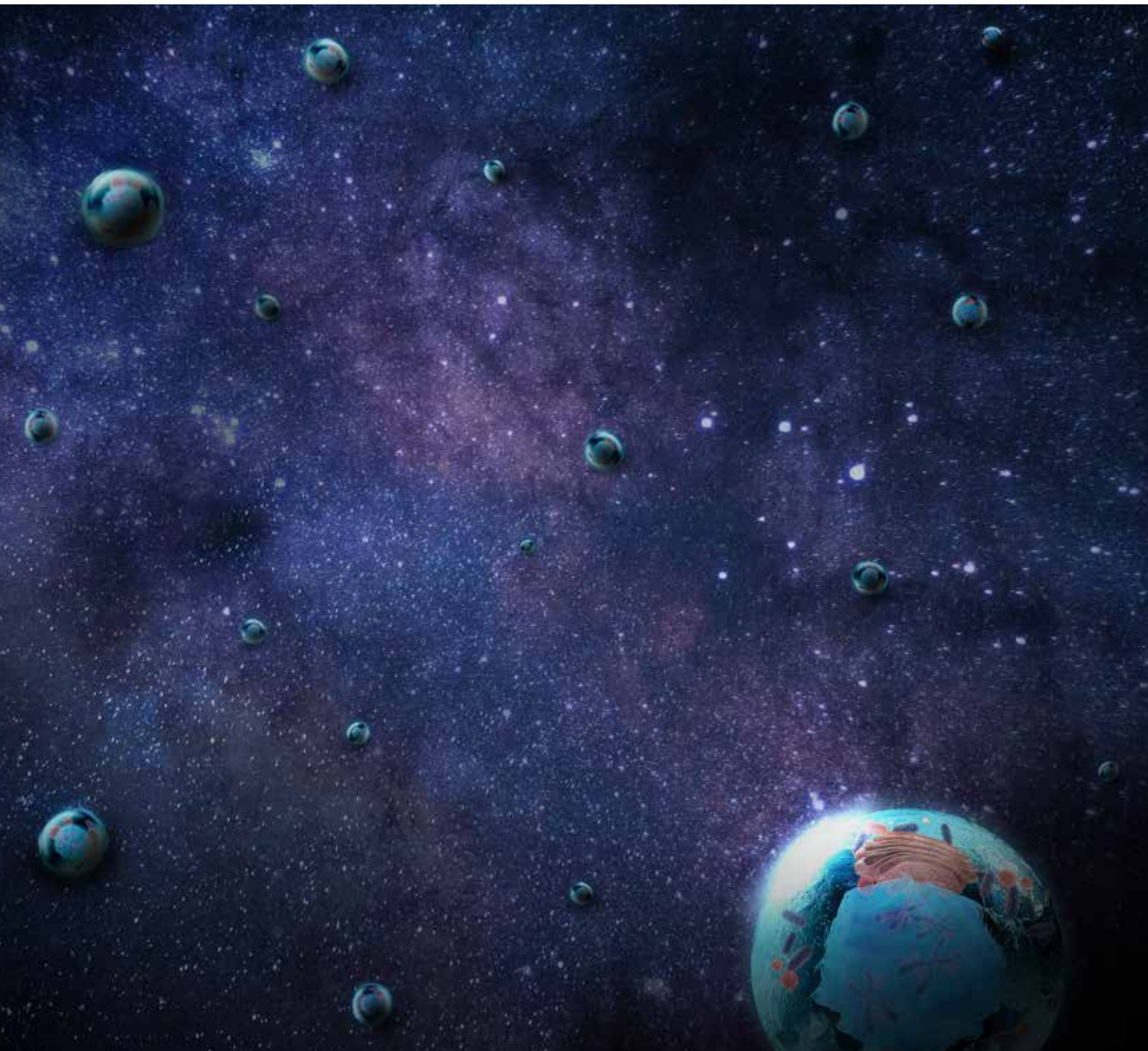
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