



Applied Biological Materials Inc.

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2nd Generation Packaging Mix

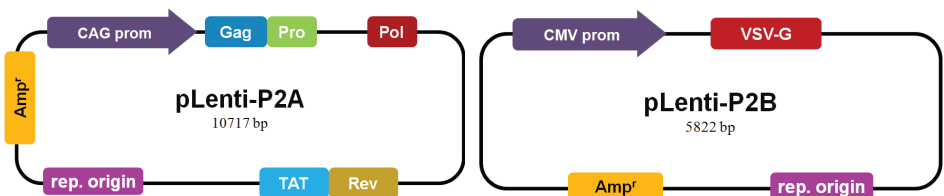
Store at -20°C

Cat. No.	Description	Quantity
LV003	2nd Generation Packaging Mix	200 µl
LV003-G2500	2nd Generation Packaging Mix & DNAfectin™ Plus Combo Pack	Kit

Product Description

For the production of lentiviral particles, three components are generally required: 1) a lentiviral vector containing your insert of interest, 2) a packaging vector which contains all necessary viral structure proteins, 3) an envelope vector expressing Vesicular Stomatitis Virus (VSV) glycoprotein (G). In general, lentiviral vectors with a wild-type 5' LTR need the 2nd generation packaging system because these vectors require TAT for activation. However, the 2nd Generation Packaging Mix will also support the packaging of 3rd generation lentiviral expression vectors with a chimeric 5' LTR. All the lentiviral expression vectors marketed by **abm** are 3rd generation with a chimeric RSV promoter upstream of the 5' LTR.

Vectors	Cat. No. LV003: pLenti-P2A and pLenti-P2B
Selection	Ampicillin (Bacterial Selection)
Amount	200 µl (100 µg mixture of pLenti-P2A and pLenti-P2B)
Appearance	Liquid
Storage Temperature	-20°C or below (shipped at ambient temperature)
Shelf Life	Up to 1 year (when at -20°C or below in a frost-free freezer)
User Manual	Refer to website for downloadable user manual



*For laboratory research only. Not for clinical applications.
For technical questions, please email us at technical@abmgood.com
or visit our website at www.abmGood.com*