



Applied Biological Materials Inc

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## AAV Packaging Mix

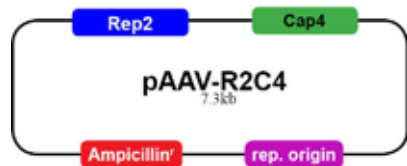
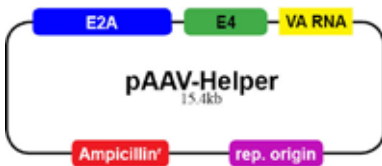
Store at -20°C

Cat. No.	Description	Quantity
AAV1004	AAV Packaging Mix (Serotype 4)	100 µg
AAV1004-G2100	AAV Packaging Mix (Serotype 4) & DNAFectin™ Combo Pack	Kit

### Product Description

For the production of helper-free Adeno-associated virus (AAV) particles, three components are generally required: 1) an AAV expression vector containing your insert of interest (cDNA, shRNA, or miRNA), 2) a packaging vector which contains all necessary adenoviral genes eliminating the need for a helper adenovirus, and 3) a packaging vector expressing the replication (Rep) and capsid (Cap) proteins responsible for determining the serotype and tropism of the AAV. All of abm's AAV expression vectors contain wildtype ITR sequences and can be packaged using any of the serotype-specific packaging mixes, which are conveniently pre-mixed for each serotype so only the expression vector and the single packaging mix are required for transfection. The packaging mix provided in each kit is sufficient for packaging three viruses at 10<sup>9</sup> GC/ml titer, and is also available in a combo pack with the DNAFectin™ transfection reagent (1 ml, Cat. G2100) for added cost savings and convenience.

<b>Vectors</b>	pAAV-Helper, pAAV-R2C4
<b>Selection</b>	Ampicillin
<b>Amount</b>	200 µl (100 µg mixture of pAAV-Helper and pAAV-R2C4)
<b>Appearance</b>	Liquid
<b>Storage Temperature</b>	-20 °C or below (shipped at ambient temperature)
<b>Shelf Life</b>	Up to 1 year (when at -20 °C or below in a frost-free freezer)
<b>User Manual</b>	Please refer to the product webpage for the most updated version of the user manual.



*For laboratory research only. Not for clinical applications.  
For technical questions, please email us at [technical@abmgood.com](mailto:technical@abmgood.com)  
or visit our website at [www.abmGood.com](http://www.abmGood.com)*