

3rd Generation Packaging Mix

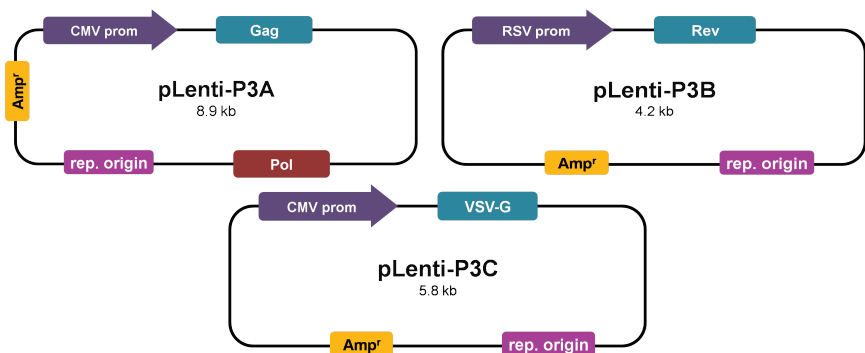
Store at -20°C

Cat. No.	Description	Quantity
LV053	3rd Generation Packaging Mix	200 µl
LV053-G2500	3rd Generation Packaging Mix & Lentifectin™ 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) two packaging vectors which contain all necessary viral structure proteins, 3) an envelope vector expressing Vesicular Stomatitis Virus (VSV) glycoprotein (G). The 3rd generation packaging system offers maximal biosafety as the lentiviral Rev gene is supplied as an independent vector from other structure genes, further eliminating the possibility of reverse recombination of vectors into replication competent viral particles. The 3rd Generation Packaging Mix will only support 3rd generation lentiviral expression vectors with a chimeric 5' LTR in which the HIV promoter is replaced with CMV or RSV, thus making it TAT-independent. The 3rd Generation Packaging Mix will not support the production of lentiviral particles with 2nd generation lentiviral vectors. All of the lentiviral vectors marketed by **abm** are TAT-independent.

Vectors	Cat. No. LV053: pLenti-P3A, pLenti-P3B, and pLenti-P3C
Selection	Ampicillin (Bacterial Selection)
Amount	200 µl (100 µg mixture of pLenti-P3A, pLenti-P3B, and pLenti-P3C)
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*