

Vectors	Cat# LV003 – pLenti-P2A and pLenti-P2B
Description	For the production of lentiviral particles, three components are generally required: 1) a lentiviral vector containing your inserts of interests (cDNA, shRNA, or miRNA), 2) one or two packaging vectors which contain all necessary viral structure proteins, 3) an envelope vector expressing Vesicular Stomatitis Virus (VSV) glycoprotein (G). In general, lentiviral vectors with a wildtype 5' LTR need the 2 nd generation packaging system because these vectors require TAT for activation. However, the 2 nd generation packaging mix will also support the production of 3 rd lentiviral expression vector with a chimeric 5' LTR. All the lentiviral expression vectors market by ABM are 3 rd generation with a chimeric of RSV promoter upstream of 5'-LTR.
Selection	Ampicillin (Bacterial selection)
Amount	200ul (100ug of pLenti-P2A and pLenti-P2B in equimolar amounts)
Appearance	Liquid
Storage Temperature	-20°C or below (shipped at ambient temperature)
Shelf Life	1 year (when at -20°C or below in a non-frost free freezer)
User Manual	Please refer to the following link: https://www.abmgood.com/viralexplenti2gen-dispOne.php?csn=14&ssn=13929&dsn=11735

