

Lentiviral vector DNA Information

For custom lentivirus production using the customer's lentiviral vectors, please fill all the fields when shipping your DNA to OriGene. **-all fields need to be filled when shipping your DNA**

1. Name of plasmid: _____ (OriGene SKU#: **CW**)
2. **label your DNA tube:** contains the custom cat# -name of your DNA (custom cat# will be on your quote once you receive it)
3. Please provide full vector map and vector sequence.
4. Have you packaged virus using this vector? Yes or No
If yes, what is the typical titer? _____
5. **What competent cells do you use? We recommend to use NEB stable competent cells, cat# C30401**
6. Endo-free plasmid prep kit used: _____
7. Amount of DNA provided: _____, concentration: _____ OD260/280 _____

The ratio of the absorbance at 260 and 280 nm should be 1.8-2.0
8. How do you QC the plasmid? Do you perform digestion to make sure there is no DNA recombination? Please provide digestion gel picture.
9. Please attach a copy of the plasmid map.

DNA amount needed for lentivirus production

		50 uL	100 uL	200 uL
10 ⁷	20 ug/vial			
10 ⁸	100 ug/vial			
10 ⁹		500 ug/vial	750 ug/vial	1.5 mg/vial
10 ¹⁰		2.0 mg/vial	4.0 mg/vial	

Please ship the DNA on Blue ice or dry ice:

Dr. Mao Fu
OriGene Technologies
9620 Medical Center Dr., Suite 200
Rockville, MD 20850