

### Lentiviral DNA Submission Form

For custom lentivirus production using the customer's lentiviral vectors, please fill out all of 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# and name of your DNA (custom CAT# will be on your quote once you receive it)
3. Please attach a copy of the plasmid map and sequence. In addition, provide the insert size: \_\_\_\_\_
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# C3040I**
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.

#### DNA amount needed for lentivirus production

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

Please ship the DNA on Blue ice or dry ice:

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