

## AAV Packaging Service: Plasmid with Insert

### Request for Additional Information

The form should be completed only if you have opted for the AAV packaging service where you will provide the plasmid with insert. Please include the completed form when you are shipping the plasmid to OriGene.

1. Name of plasmid: \_\_\_\_\_
2. **Label the DNA tube with the** custom cat# \_\_\_\_\_  
(name of your DNA provided in the quote)
3. Provide the vector map and vector sequence. If the DNA encodes a tagged protein, please specify the name of the tag: \_\_\_\_\_
4. Have you packaged the virus using this vector? Yes or No  
If yes, what is the typical titer? \_\_\_\_\_
5. What competent cells do you use? We recommend using NEB stable competent cells (cat# C3040I) and growing @ 30°C. \_\_\_\_\_
6. Name of Endo-free plasmid prep kit used (e.g. Endo-free midi/maxi plasmid purification kits or equivalent). We **do not accept** miniprep purified DNA.: \_\_\_\_\_

#### DNA amount needed for AAV Packaging Service

|                  | 250 uL     | 500 uL      | 1000 uL     |
|------------------|------------|-------------|-------------|
| 10 <sup>13</sup> | 50 ug/vial | 100 ug/vial | 200 ug/vial |

7. Amount of DNA provided: \_\_\_\_\_, concentration: \_\_\_\_\_
8. How did you check the quality of the plasmid?  
*Recommendation:* AAV ITR plasmids should be checked for recombination by digestion with SmaI or XmaI. Each ITR contains two SmaI/XmaI sites - digestion will cut out your insert. Excessive amounts of linearized, full-length plasmids indicate that recombination has occurred.  
**Please provide the gel picture of restriction enzyme digestion.**

Please ship the DNA on Blue ice or dry ice:

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