



## **CERTIFICATE OF ANALYSIS**

### **Product**

Purified **AAVPHP.eB-hSYN-CRE** vectors (Lot 20-538)  
(for research use only)

### **Storage Conditions**

The AAVPHP.eb vectors should be kept at -80°C for long term storage. When storing for frequent use, 4°C is recommended. Avoid storing at -20°C.

### **Shelf Life**

5 years from MFG date when stored at -80°C.

### **Shipping Conditions**

Dry Ice

### **Description**

- The **AAVPHP.eB-hSYN-CRE** vectors were produced in insect Sf9 cells by dual infection with rBV-inCapPHP.eB-inRep and rBV- hSYN-CRE. The vectors were purified through 2 rounds of CsCl ultracentrifugations. The CsCl was removed through buffer exchange with 2 PD-10 desalting columns.
- AAVPHP.eB-hSYN-CRE vectors are for research use only, not for any human purposes.

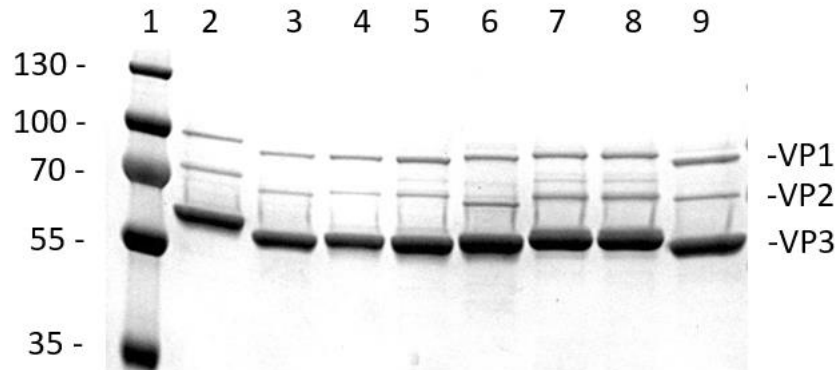
### **Quality Control Data**

The vectors were treated through 0.2um sterilized filters. SDS-PAGE and SimplyBlue Staining (Invitrogen) verified the purity of the vectors. Real-time PCR analysis determines the titer of the AAV sample (Lot 20-538).

### **QPCR Titer**

Lot 20-538: 2.00E+13 vg/mL

Confirmed by NanoDrop spectrophotometer measurements.



Lane 1: Protein Ladder

Lane 2: AAV8 Standard Control 1E+11vg Loaded

Lane 9: 20-538 AAVPHP.eB-hSYN-CRE 1E+11vg Loaded

**SDS-PAGE and Simply Blue Staining of purified AAV.**

Approved by: Min Chen

Date: January 5, 2023