



## **CERTIFICATE OF ANALYSIS**

**Purified AAV8-EMPTY** (Lot# 22-352)

### **Storage Conditions**

The AAV vectors should be stored at -80°C for long term usage. When storing for frequent use, 4°C is recommended. It's not recommended to store AAV vectors at -20°C.

### **Shelf Life**

5 years when stored at -80°C. Minimize the freeze and thaw cycle.

### **Shipping Conditions**

Dry ice overnight

### **Description**

AAV8-Empty vector was produced in insect Sf9 cells by the infection with rBV-V288-inCap8-inRep-hr. The vectors were purified through 2 rounds of CsCl ultracentrifugations. The CsCl was removed through buffer exchange with 2 PD-10 desalting columns.

AAV-Empty vector is for research use only, not for any human use.

### **QPCR Titer**

2E+13 vg/mL

The titer of AAV8-Empty was determined with QPCR method using primers/probe corresponding to the AAV ITR Sequences.

### **Quality Control Data**

The AAV vector was formulated in 1xPBS buffer pH7.4, containing 0.001% pluronic F-68, and sterilized with 0.22µm low protein-binding filter. SDS-PAGE and SimplyBlue Staining (Invitrogen) verified the purity of the vectors (Fig. 1). QPCR analysis determines the titers of the AAV samples.

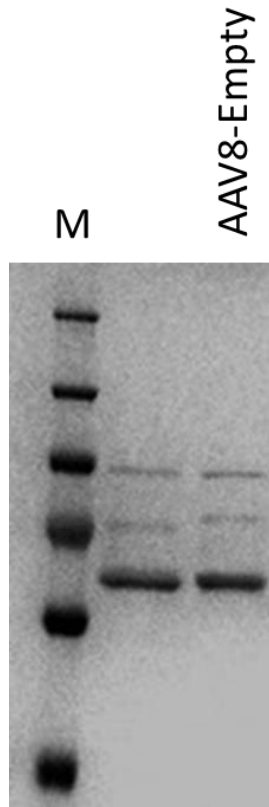


Fig. 1. SDS-PAGE and Instant Blue Staining of purified AAV8-Empty. Lane M, protein ladder; lane 2, AAV8-Empty (Lot# 22-352).

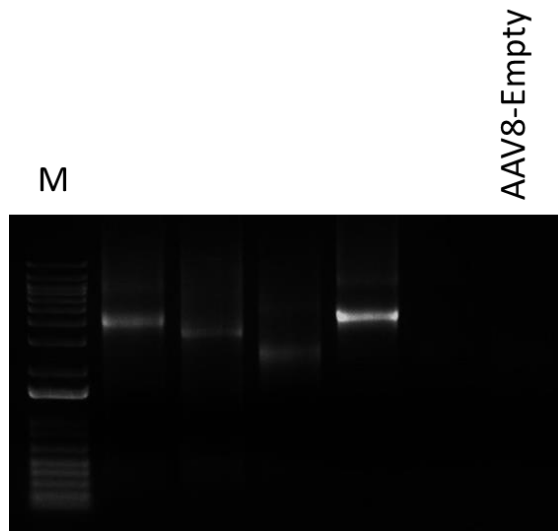


Fig. 2. Agarose Gel Electrophoresis and SYBR Staining of purified AAV8-Empty. Lane M, DNA ladder; lane 6, AAV8-Empty (Lot# 22-352).

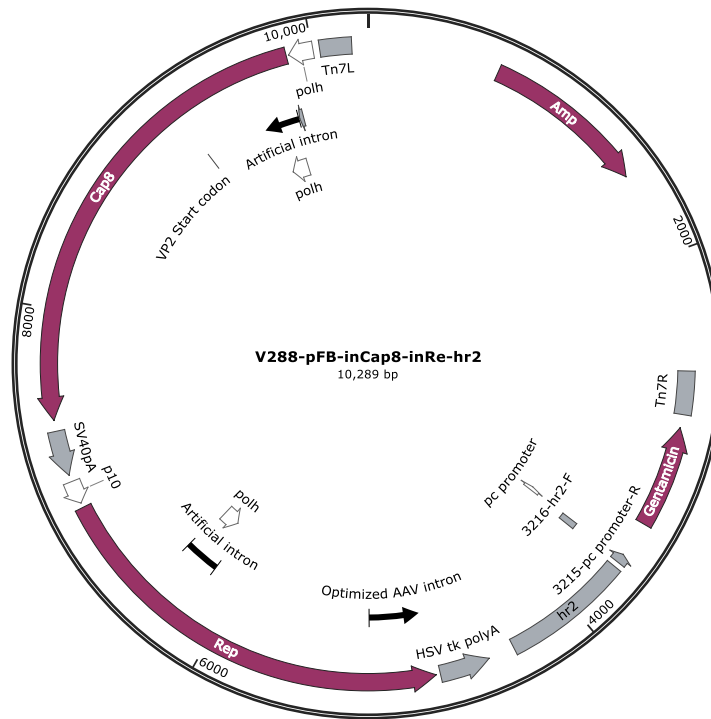


Fig. 2. The plasmid used to generate rBV-V288 for sf9 infection was V288-pFB-inCap8-inRep-hr2

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