

Product datasheet for **CV900001S**

AAV2-CMV-GFP Control Particle

Product data:

Product Type: AAV Control Particles

Description: AAV2 with CMV promoter-driven expression of GFP, >10¹³ GC/mL, 50 ul

Reporter: GFP

Promoter: CMV

Serotype: AAV-2

Purification Method: Iodixanol

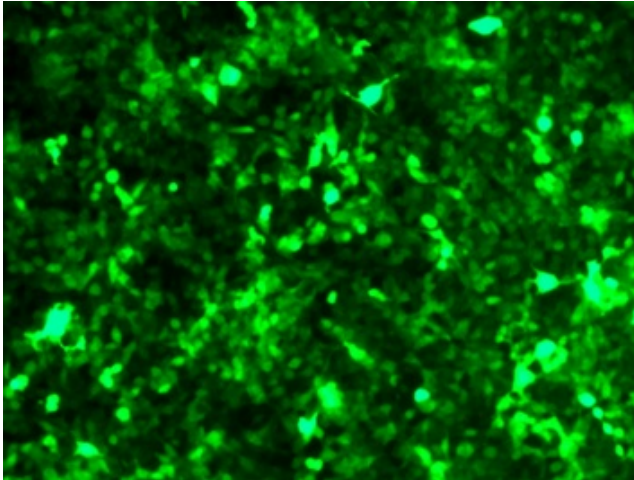
Storage Buffer: PBS with 0.001% Pluronic F68

Validation: To validate the quality of our AAV control particles, we have developed the following procedure:

1. AAV genome titer is determined by qPCR.
2. AAV transduction efficiency is analyzed by in vitro transduction in HEK293T.

Stability: AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.



Product images:

In-vitro transduction efficiency of HEK293T cell line with AAV-2.