

#### OriGene Technologies, Inc.

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# Product datasheet for CV900014S

### **AAV9 Scrambled shRNA Control Particle**

#### **Product data:**

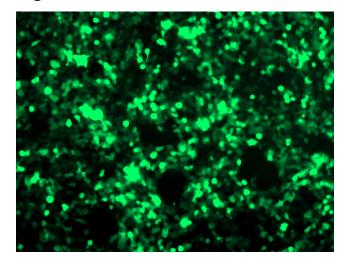
Product Type:	AAV Control Particles
Description:	AAV9 control particles, shRNA scramble, expressing GFP and puro, >10^13 GC/mL, 50 ul
Reporter:	GFP
Promoter:	CMV
Serotype:	AAV-9
Purification Method:	lodixanol
Storage Buffer:	PBS with 0.001% Pluronic F68
Validation:	<ul> <li>To validate the quality of our AAV control particles, we have developed the following procedure:</li> <li>1. AAV genome titer is determined by qPCR.</li> <li>2. AAV purity is determined by Silver staining.</li> <li>3. AAV transduction efficiency is analyzed by in vitro transduction in HEK293T.</li> </ul>
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.

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This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US **GRIGENE** AAV9 Scrambled shRNA Control Particle – CV900014S

## **Product images:**



In-vitro transduction efficiency of HEK293T cell line with AAV-9 Scrambled shRNA Control Particles.

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