

## Product datasheet for **RC217271A1V**

### Human HIGD1A (NM\_001099669) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human HIGD1A (NM\_001099669) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** HIGD1A  
**Synonyms:** HIG1; RCF1a  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC217271 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCAACAGACACAGGTGTTCCCTTCCTTCATATGAGGAAGATCAGGGATCAAACTCATTGAAAAG  
CTAAAGAGGCACCATTTCGTACCCGTTGGAATAGCGGGTTTTGCAGCAATTGTTGCATATGGATTATATAA  
ACTGAAGAGCAGGGGAAATACTAAAATGTCCATTCATCTGATCCACATGCGTGTGGCAGCCCAAGGCTTT  
GTTGTAGGAGCAATGACTGTTGGTATGGGCTATCCATGTATCGGGAATCTGGGCAAAACCTAAGCCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC217271 protein sequence  
Red=Cloning site Green=Tags(s)  
MSTDTGVSLPSYEEDQGSKLIRKAKEAPFVPGIAGFAAIVAYGLYKPKSRGNTKMSIHLIHMVAAQGF  
VVGAMTVGMGYSMYREFWAKPKP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_001099669  
**ORF Size:** 279 bp  
**Buffer:** PBS with 0.001% Pluronic F68



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|                      |   |
|----------------------|---|
| <b>Stability:</b>    | 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. |
| <b>RefSeq:</b>       | <a href="#">NM_001099669.1</a> , <a href="#">NP_001093139.1</a>   |
| <b>RefSeq Size:</b>  | 2805 bp   |
| <b>RefSeq ORF:</b>   | 282 bp  |
| <b>Locus ID:</b>     | 25994   |
| <b>UniProt ID:</b>   | <a href="#">Q9Y241</a>  |
| <b>Cytogenetics:</b> | 3p22.1  |
| <b>MW:</b>           | 10.1 kDa  |