

## Product datasheet for **RC228754A1V**

### Human Guanylate kinase (GUK1) (NM\_001159391) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Guanylate kinase (GUK1) (NM\_001159391) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Guanylate kinase  
**Synonyms:** GMK  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC228754 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGGGCCCCAGGCCTGTGGTGTGAGCGGGCCTTCGGGAGCTGGGAAGAGCACCCCTGCTGAAGAGGC  
 TGCTCCAGGAGCACAGCGGCATCTTTGGCTTCAGCGTGTCCCATACCACGAGGAACCCGAGGCCCGCGCA  
 GGAGAACGGCAAAGATTACTACTTTGTAACAGGGAGGTGATGCAGCGTGACATAGCAGCCGGCGACTTC  
 ATCGAGCATGCCGAGTTCTCGGGAACTGTATGGCACGAGCAAGGTGGCGGTGCAGGCCGATCGAGGCCA  
 TGAACCGCATCTGTGTGCTGGAGTGGACCTGCAGGGTGTGCGGAACATCAAGGCCACCGATCTGCCGCC  
 CATCTACATCTCTGTGCAGCCGCTTCACTGCACGTGCTGGAGCAGCGGTGCGGCAGCGCAACTGAA  
 ACCGAGGAGAGCCTGGTGAAGCGGCTGGCTGCTGCCAGGCCGACATGGAGAGCAGCAAGGAGCCCGGCC  
 TGTTTGTGTGGTCATCATTAAACGACAGCCTGGACCAGGCCTACGCAGAGCTGAAGGAGCGCTCTCTGA  
 GGAAATCAAGAAAGCTCAAAGGACCGCGCC

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC228754 protein sequence  
 Red=Cloning site Green=Tags(s)

MSGPRPVVLSPSGAGKSTLLKRLQEHSGIFGFSVSHTRNPRPGEENGKDYFVFTREVMQRDIAAGDF  
 IEHAESGNLYGTSKVAVQAVQAMNRCVLDVLDQGVNRNIKATDLRPIYISVQPPSLHVLQRLRQRNTE  
 TEESLVKRLAAAQADMESKEPGLFDVVIINDSLDQAYAEALKEALSEEIKKAQRTGA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human



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<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001159391
<b>ORF Size:</b>	591 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<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_001159391.1</a>
<b>RefSeq Size:</b>	904 bp
<b>RefSeq ORF:</b>	594 bp
<b>Locus ID:</b>	2987
<b>UniProt ID:</b>	<a href="#">Q16774</a>
<b>Cytogenetics:</b>	1q42.13
<b>MW:</b>	21.7 kDa