

Product datasheet for **RC202510A1V**

Human Guanylate kinase (GUK1) (NM_000858) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Guanylate kinase (GUK1) (NM_000858) AAV Particle
Tag: Myc-DDK
Symbol: Guanylate kinase
Synonyms: GMK
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC202510 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGGGCCCCAGGCCTGTGGTGTGAGCGGGCCTTCGGGAGCTGGGAAGAGCACCTGCTGAAGAGGC
 TGCTCCAGGAGCACAGCGGCATCTTTGGCTTCAGCGTGTCCCATACCACGAGGAACCCGAGGCCCGGCGA
 GGAGAACGGCAAAGATTACTACTTTGTAACAGGGAGGTGATGCAGCGTGACATAGCAGCCGGCGACTTC
 ATCGAGCATGCCGAGTTCTCGGGGAACCTGTATGGCACGAGCAAGGTGGCGGTGCAGGCCGTGCAGGCCA
 TGAACCGCATCTGTGTGCTGGACGTGGACCTGCAGGGTGTGCGGAACATCAAGGCCACCGATCTGCGGCC
 CATCTACATCTCTGTGCAGCCGCTTCACTGCACGTGCTGGAGCAGCGGCTGCGGCAGCGCAACACTGAA
 ACCGAGGAGAGCCTGGTGAAGCGGCTGGCTGCTGCCAGGCCGACATGGAGAGCAGCAAGGAGCCCGGCC
 TGTTTGATGTGGTCATCATTAAACGACAGCCTGGACCAGGCCTACGCAGAGCTGAAGGAGCGCTCTCTGA
 GGAAATCAAGAAAGCTCAAAGGACCGGCGCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC202510 protein sequence
 Red=Cloning site Green=Tags(s)

MSGPRPVVLSGPSGAGKSTLLKRLQEHSGIFGFSVSHTRNPRPGEENGKDYFVFTREVMQRDIAAGDF
 IEHAEFSGNLYGTSKVAVQAVQAMNRCVLDVDLQGVNRIKATDLRPIYISVQPPSLHVLEQRLRQRNTE
 TEESLVKRLAAQAQDMESSKEPGLFDVVIINDSLDQAYAEALKEALSEEIKKAQRTGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human


[View online »](#)

Serotype:	AAV-2
ACCN:	NM_000858
ORF Size:	591 bp
Buffer:	PBS with 0.001% Pluronic F68
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.
RefSeq:	NM_000858.4
RefSeq Size:	1155 bp
RefSeq ORF:	594 bp
Locus ID:	2987
UniProt ID:	Q16774
Cytogenetics:	1q42.13
MW:	21.7 kDa