

Product datasheet for RC215130A1V

Human Adenylate Kinase 1 (AK1) (NM_000476) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Adenylate Kinase 1 (AK1) (NM_000476) AAV Particle
Tag: Myc-DDK
Symbol: Adenylate Kinase 1
Synonyms: HTL-S-58j
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC215130 representing NM_000476
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAAGAGAAGCTGAAGAAAACCAAGATCATCTTTGTGGTGGGTGGCCTGGCTCAGGGAAGGGCACCC
 AGTGTGAGAAGATCGTGCAGAAGTATGGCTACACCCACCTCTCCACCGGGGACCTCCTGCCGTCCGAGGT
 CAGCTCAGGCTCGGCCAGGGCAAGAAGCTGTCGGAATCATGGAGAAGGGGCAGCTGGTTCCACTGGAG
 ACAGTGTGGACATGCTCCGGGATGCCATGGTGGCCAAAGTCAATACTTCAAAGGCTTCTGATTGATG
 GCTACCCGCGGGAGGTGCAGCAAGGAGAAGATTTGAGCGCAGGATTGGACAGCCACACTGCTGCTGTA
 TGTGGAGCAGGCCCTGAGACCATGACCCAGCGGCTCTTGAAACGTGGAGAGACCAGCGGCGTGTGGAC
 GACAATGAGGAGACCATCAAAAAGCGGCTGGAGACCTATTACAAGGCCACAGAACCCTCATCGCCTTCT
 ATGAGAAACGTGGCATTGTGCGCAAGGTCAACGCTGAGGGCTCCGTGGACAGTGTCTTCTCCAGGTCTG
 CACCCACCTGGACGCCCTAAAG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC215130 representing NM_000476
 Red=Cloning site Green=Tags(s)

MEEKLKKTKIIFVVGPGSGKGTQCEKIVQKYGYTHLSTGDLRSEVSSGSARGKKLSEIMEKQLVPLE
 TVLDMLRDAMVAKVNTSKGFLIDGYPREVQQGEFERRIGOPTLLLYVDAGPETMTQRLTKRGETSGRVD
 DNEETIKKRLETYYKATEPVIAFYEKRGIVRVNAEGSVDSVFSQVCTHLDALK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human



Serotype:	AAV-2
ACCN:	NM_000476
ORF Size:	582 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:	<u>NM_000476.1</u>
RefSeq Size:	2271 bp
RefSeq ORF:	585 bp
Locus ID:	203
UniProt ID:	<u>P00568</u>
Cytogenetics:	9q34.11
MW:	21.5 kDa