

Product datasheet for **RC202965A1V**

Human ADPGK (NM_031284) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ADPGK (NM_031284) AAV Particle
Tag:	Myc-DDK
Symbol:	ADPGK
Synonyms:	2610017G09Rik; ADP-GK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202965 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCTGTGGCGCGGCTCCGCGTACGCGGGCTTCTGCGCTGGCCGTGGGCTGCGTCTTCTGCTGG
 AGCCAGAGCTGCCAGGCTCGGCCGCTGCGCTCTCTGAGCTCGCTGTGTCTGGGGCCCGCGCTGCGCC
 CCGGGACCGCTCTCCCCGAGGGCGGTTGGCGGCAGCCTGGGACGCGTTATCGTGGCGCCAGTCCGG
 CGCTGGCGCCGCTGGCAGTGGGAGTCAATGCATGTGTTGATGTGGTGTCTCAGGGGTGAAGCTCTTGC
 AGGCACTTGGCCTTAGTCTGGGAATGGGAAAGATCACAGCATTCTGCATTCAAGGAATGATCTGGAAGA
 AGCCTTCATTCACTTCATGGGAAGGGAGCAGCTGCTGAGCGCTTCTCAGTGATAAGGAACTTTTCAC
 GACATTGCCAGGTTGCGTCAGAGTTCCAGGAGCCAGCACTATGTAGGAGGAAATGCAGCTTTAATTG
 GACAGAAATTTGAGCCAACTCAGATTTAAAGGTTCTTCTTTGCGGTCCAGTTGGTCCAAAGCTACATGA
 GCTTCTTGATGACAATGTCTTTGTTCCACCAGAGTCATTGCAGGAAGTGGATGAGTTCCACCTCATTTTA
 GAGTATCAAGCAGGGGAGGAGTGGGGCCAGTAAAAGCTCCCCATGCCAACCGATTTCATCTTCTCTCAGC
 ACCTCTCCAACGGGGCCATGAATATGCTGGAGGTGTTGTGTCTAGCCTGGAGGAGTTTACGCCAGACCT
 GGTGGTCTCTCTGGATTGCACATGATGGAGGGACAAAGCAAGGAGCTCCAGAGGAAGAGACTCTTGGAG
 GTTGTAACCTCCATTTCTGACATCCCCACTGGTATTCCAGTTCACCTAGAGCTGGCCAGTATGACTAACA
 GGGAGCTCATGAGCAGCATTGTCCATCAGCAGGTCTTCCCGCGGTGACTTCCCTTGGGTGAATGAACA
 GGAGCTGTTATTTCTACCCAGTCAGCCTCTGGACCTCACTCTTCTCTCTTCTGGAACGGTGTTCCT
 GATGTGGGCATGGTCAGTGACATCCTCTTCTGGATCTTGAAAGAACATGGGAGGAGTAAAAGCAGAGCCT
 CGGATCTCACCAGGATCCATTTCCACACGCTGGTCTACCACATCCTGGCAACTGTGGATGGAGACTGGGC
 CAACCAGCTGGCAGCCGTGGCTGCAGGAGCTCGTGTGGCTGGGACACAGGCCTGCGCCACAGAAACCATA
 GACACAGCCGAGTGTCTCTGAGGGCACCCCAAGAGTTCATGACTTCCATTGAGGAGGAGGCTCCAGGA
 TTGTATTAACCCAAACAAGCCAGTAGTAGAATGGCACAGAGAGGGAATATCCTTCCACTTCACACCAGT
 ATTGGTGTGTAAGACCCCATTCGAACTGTAGGCCTTGGAGATGCCATTCAGCCGAAGGACTCTTCTAT
 TCGGAAGTACACCCTCACTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202965 protein sequence
 Red=Cloning site Green=Tags(s)

MALWRGSAYAGFLALAVGCVFLLEPELPGSALRSLWSSLCLGPAPAPPGPVSPGRLAAAWDALIVRPVR
 RWRRVAVGVNACVDVVL SGVKLLQALGLSPGNGKDHSLHSRNDLEEF IHFMGKGAAAERFFSDKETFH
 DIAQVASEFPGAQHYVGGNAALIGQKFAANSCLKVLLCGPVGPKLHELDDNVFVPPELQEVDEFHLIL
 EYQAGEEWGQLKAPHANRFIFSHDL SNGAMNMLEVFVSSLEEFQPDLVVLSGLHMMEGQSKELQRKRLLE
 VVTSISDIPTGIPVHLELASMTNRELMSSIVHQVFPVAVTSLGLNEQELLFLTQSASGPHSSLSWNGVP
 DVGMSVDILFWILKEHGRSKSRASDLTRIHFHTLVYHILATVDGHWANQLAAVAAGARVAGTQACATETI
 DTSRVSLRAPQEFMTSHSEAGSRIVLNPNKPVVEWHREGISFHFTPVLVCKDPIRTVGLDAISAEGLFY
 SEVHPHY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_031284

ORF Size:

1491 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_031284.3</u>
RefSeq Size:	2565 bp
RefSeq ORF:	1491 bp
Locus ID:	83440
UniProt ID:	<u>Q9BRR6</u>
Cytogenetics:	15q24.1
MW:	54.1 kDa