

Product datasheet for **RC218968A1V**

Human DGKA (NM_201445) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DGKA (NM_201445) AAV Particle
Tag:	Myc-DDK
Symbol:	DGKA
Synonyms:	DAGK; DAGK1; DGK-alpha
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218968 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCAAGGAGAGGGGCTAATAAGCCCCAGTGATTTTGCCAGCTGCAAAAATACATGGAATACTCCA
CCAAAAAGGTCAGTGATGTCTAAAGCTCTTCGAGGATGGCGAGATGGCTAAATATGTCCAAGGAGATGC
CATTGGGTACGAGGGATTCCAGCAATTCCTGAAAATCTATCTCGAAGTGATAATGTTCCAGACACCTA
AGCCTGGCACTGTTTCAATCCTTTGAGACTGGTCACTGCTTAAATGAGACAAATGTGACAAAAGATGTGG
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CACCTTCAAGCTGTACGACACGGACAGAAATGGGATCCTGGACAGCTCAGAAAGGACAAAATTATCCTA
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CGTGCCACTGCTAGTGTCTGGTCTGGAGATGACTCTGAAGGACGACGGACAGCACATGTGGAGGCC
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GCTGTAACCTCTGTAAGTACACTGTTACGACCACTGTGCCATGAAAGCCCTGCCTTGTGAAGTCAGCAC
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CCCACCACTTCTCGTCTTTGTCAATCCTAAGAGTGGCGGGAAGCAGGGGCAGAGGGTCTGGAAGTT
CCAGTATATATTAAACCCTCGACAGGTGTTCAACCTCCTAAAGGATGGTCTGAGATAGGGCTCCGATTA
TTCAAGGATGTTCTGTAGCCGGATTTTGGTGTGTGGTGGAGACGGCACAGTAGGCTGGATTCTAGAGA
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ACCCAGTCCCCTTTCAAATCATCAATACTACTTCTCTATTGGCGTGGATGCCTCTATTGCTCATCGATT
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TTTGCCACATCTGAATCCATCTTCTCAACATGCAAAAAGCTGGAGGAGTCTTTGACAGTTGAGATCTGTG
GGAAACCGCTGGATCTGAGCAACCTGTCCCTAGAAGGCATCGCAGTGCTAAACATCCCTAGCATGCATGG
TGGCTCCAACCTCTGGGGTGATACCAGGAGACCCCATGGGGATATCTATGGGATCAACAGGCCCTTAGGT
GCTACAGCTAAAGTCATACCGACCTGATATCCTGAAAACCTGTGTACCAGACCTAAGTGACAAGAGAC
TGGAAGTGGTTGGGCTGGAGGGTGCAATTGAGATGGGCCAAATCTATACCAAGCTCAAGAATGCTGGACG
TCGGCTGGCCAAGTGCTCTGAGATCACCTTCCACACCACAAAACCTTCCCATGCAATTGACGGAGAA
CCCTGGATGCAGACGCCCTGTACAATCAAGATCACCCACAAGAACCAGATGCCCATGCTCATGGGCCAC
CCCCCGCTCCACCAATTTCTTTGGCTTCTTGAGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC218968 protein sequence Red=Cloning site Green=Tags(s) MAKERGLISPSDFAQLQKYMEYSTKKVSDVLKLFEDGEMAKYVQGDAIGYEGFQQFLKIYLEVDNVPRHL SLALFQSFETGHCLNETNVTKDVCVCLNDVSCYFSLLEGGRPEDKLEFTFKLYDTRNGILDSSEVDKIIL QMMRVAEYLDWDVSELRPILQEMMKEIDYDGSVSQAQEWVRAGATTVPLLVLLGLEMTLKDDGQHMWRP KRFPVPVYCNLCESIGLGKQGLSCNLCKYTVHDQCAMKALPCEVSTYAKSRKDIGVQSHVWVRGGCESG RCDRCQKKIRIYHSLTGLHCVWCHLEIHDDCLQAVGHECDCGLLRDHILPPSSIYPSVLASGPDRKNSKT SQKTMDDLNLSTSEALRIDPVPNTHPLLVFVNPVSGGKQGRVWLKQYILNPRQVFNLKDGPEIGLRL FKDVPDSRILVCGDGTGVWILETIDKANLPVLPVAVLPLGTGNDLARCLRWGGGYEGQNLAKILKDLE MSKVHMDRWSVEVIPQQTEEKSDPVPFQIINNYFSIGVDASIAHRFHIMREKYPEKFNSRMKNKLWYFE FATSEISFSTCKLEESLTVEICGKPLDLNLSLEGIAVLNIPSMHGGSNLWGDTRRPHGDIYGINQALG ATAKVITDPDILKTCVPDLSKRLLEVVGLEGAIEMGQIYTKLKNAGRRLAKCSEITFHTTKTLPMQIDGE PWMQTPCTIKITHKNQMPMLMGPPPRSTNFFGFLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_201445
ORF Size:	2205 bp
Buffer:	PBS with 0.001% Pluronic F7929
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_201445.1, NP_958853.1</u>
RefSeq Size:	2769 bp
RefSeq ORF:	2208 bp
Locus ID:	1606
UniProt ID:	<u>P23743</u>
Cytogenetics:	12q13.2
MW:	82.6 kDa