

Product datasheet for **RC217461A1V**

Human DGKB (NM_004080) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	DGKB
Synonyms:	DAGK2; DGK; DGK-BETA
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC217461 representing NM_004080
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACAAACCAGGAAAAATGGGCCACCTCAGCCCTTCGGAATTTCCCAACTTCAGAAATATGCTGAGT
ATTCTACAAAGAAATTAAGGATGTTCTTGAAGAATCCATGGTAATGGTGTGCTTGCAAAGTATAATCC
TGAAGGAAAACAAGACATTCTTAACCAACAATAGATTTTGAAGGTTTCAAACATTCATGAAGACATTC
CTGGAAGCCGAGCTTCTGTATGATTTCACTGCACACCTTTTCATGTCAATTTAGCAACAAGTTTCTCATT
CCCTCCCCGAACACTTCTCCTGCAAATACGTGTTCCCAAGAAGTAATCCATCTGAAGGACATTGTCTGT
TACCTGTCTGCTTGAAGAGGAAGACCTGAGGATAAGCTTGAGTTTATGTTTCGCCTTTATGACACGG
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CCTTGAGTGGGATGCTACTGAACTTAATCCAATCTCCATGAAATGATGGAAGAAATGACTATGATCAT
GATGGAACCGTGTCTCTGGAGGAATGGATCAAGGAGGAATGACAACGATTCCACTTCTGTGCTCCTGG
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ACATGATGTCATGCACCATTACTGGGTTGAAGTAACTGCCCAACCAAGTGTGATAAGTGGCCACAAAAC
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AGAGAAATTC AACAGTAGAATGAAGAACAATTTTGGTATTTTGGTGGTGGCAGATCTGAAACTTTCTCA
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TCTCTCTGGAAGGAATTGCTATTTTGAATATACCAAGCATGCATGGAGGATCCAATCTTTGGGGAGAGTC
TAAGAAAAGACGAAGCCATCGACGAATAGAGAAAAAGGGTCTGACAAAAGGACCACCGTCAAGATGCC
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TGGAGATGGGGCAATATACACAGGCCTGAAAAGTGTGCCCAGGCGCTGGCTCAGTGTCTGCGTGGT
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AAAATTACACACAAGAACAAGCCCAATGCTGATGGGCCCGCCTCCAAAACCGGTTTATCTGTCTCCC
TCGTCAAAAGGACAAGAAACCAAGCAAGGAA

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>RC217461 representing NM_004080

Red=Cloning site Green=Tags(s)

MTNQEKAHLSPSEFSQLQKYAEYSTKKLKDVLEEFHNGVLAAYNPEGKQDILNQTIDFEGFKLFMKT
LEAELPDDFTAHLFMSFSNKFPSSPMVKSKPALLSGGLRMNGAITPPRTTSPANTCSPEVIHLKDIVC
YLSLLERGRPEDKLEFMFRLYDTDGNGLDSELENIISQMMHVAEYLEWDVTELNPILHEMEEIDYDH
DGTVSLLEEWIQGGMTTIPLLVLLGLENNVKDDGQHWRLKHFNKPAYCNLCLNMLIGVGKQGLCCSFCKY
TVHERCVARAPPSCIKTYVKSRRNTDVMHYYWVEGNCPTKCDKCHKTVKCYQGLTGLHCVWCQITLHNKC
ASHLKPECCDCGPLKDHILPPTTICPVVLQTLPTSGVSVPEERQSTVYKKEKSGSQPNKVIDKNMQRANS
VTVDGQGLQVTPVPGTHPLLVFVNPKSGGKQGERIYRKFQYLLNPRQVYSLSGNGPMPGLNFFRDVPDFR
VLACGGDGTVGWVLDICIEKANVGKHPVAILPLGTGNDLARCLRWGGYEGENLMKILKDIENSTEIMLD
RWKFEVIPNDKDEKGDVPYSIINNYFSIGVDASIAHRFHIMREKHPEKFNMRMKNKFWYFEGTSETFS
ATCKKLHESVEIECDGVQIDLINISLEGIAILNIPSMHGGSNLWGESKKRRSHRRIEKKGSDKRTTVTDA
KELKFASQDLSQQLLEVVGLEGAMEMGQIYTGLKSAGRRLAQCSCVIRTSKSLPMQIDGEPWMQTPCTI
KITHKNQAPMLMGPPPKTGLFCSLVKTRNRSKE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004080

ORF Size:

2412 bp

Buffer:

PBS with 0.001% Pluronic F7691

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_004080.1](#), [NP_004071.1](#)**RefSeq Size:**

3926 bp

RefSeq ORF:

2415 bp

Locus ID:

1607

UniProt ID:[Q9Y6T7](#)**Cytogenetics:**

7p21.2

MW:

90.4 kDa