

Product datasheet for **RC214133A1V**

Human DGKG (NM_001080745) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DGKG (NM_001080745) AAV Particle
Tag:	Myc-DDK
Symbol:	DGKG
Synonyms:	DAGK3; DGK-GAMMA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC214133 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTGAAGAACGGTGGGTCTCCCTCACTCCAGAAGAATTTGACCAACTCCAGAAATATTCAGAATATT
 CCTCCAAGAAGATAAAAGATGCCTTGACTGAATTTAATGAGGGTGGGAGCCTCAAACAATATGACCCACA
 TGAGCCGATTAGCTATGATGTCTTCAAGCTGTTTCATGAGGGCGTACCTAGAGGTGGACCTTCCCCAGCCA
 CTGAGCACTCACCTCTTCTGGCCTTCAGCCAGAAGCCAGACACGAGACCTCTGACCACCCGACGGAGG
 GAGCCAGCAACAGTGAGGCCAACAGCGCAGATACTAATATACAGAATGCAGATAATGCCACCAAAGCAGA
 CGAGGCCTGTGCCCTGATACTGAATCAAATATGGCTGAGAAGCAAGCACCAGCTGAAGACCAAGTGGCT
 GCGAGCCCCCTGGAACCCCCCGTCCCTCGGTCTTCAAGCTCGGAATCCCCAGTGGTGTACCTGAAGGATG
 TTGTGTCTACCTGTCCCTGCTGGAGACGGGGAGGCCTCAGGATAAGCTGGAGTTCATGTTTCGCTCTA
 TGATTCAGATGAGAACGGTCTCCTGGACCAAGCGGAGATGGATTGCATTGTCAACCAATGCTGCATATT
 GCCCAGTACCTGGAGTGGGATCCACAGAGCTGAGGCCTATATTGAAGGAGATGCTGCAAGGGATGGACT
 ACGACCGGGACGGCTTTGTGTCTCTACAGGAATGGGTCCATGGAGGGATGACCACCATCCCATTTGCTGGT
 CCTCTGGGGATGGATGACTCTGGCTCCAAGGGGGATGGCGGCACGCCTGGACCATGAAGCACTTCAAG
 AAACCAACCTACTGCACTTCTGCCATATCATGCTCATGGGCGTCCGCAAGCAAGGCCTGTGCTGCACTT
 ACTGTAATACTGTCCACGAACGCTGTGTGTCCAAAAACATTCCTGGTTGTGTCAAAACGTACTCAA
 AGCCAAAGGAGTGGTGAGTTTACCGCAAATGTGAATTATCAACGTTGTGTGACGGTGGGGAACTCAGA
 GACCACATCTTACTGCCACCTCCATATGCCCCATCACCGGGACAGGCCAGGTGAGAAGTCTGATGGCT
 GCGTGTCCGCCAAGGGCGAAGTTGTCTGCAGTATAAGATCATCCCCACCGGGTACCCACCCCTGCT
 GGTCTTGGTGAACCCCAAGAGTGGAGGGAGACAAGGAGAAAGAATTCTTCGGAATTCACCTATCTGCTC
 AACCCCAACAAGTTTTCAACCTGGACAATGGGGGCCTACTCCAGGTTGAACTTTTCCGTGATACTC
 CAGACTTCCGTGTTTTGGCCTGTGGTGGAGATGGGACAGTTGGCTGGATTTTGGATTGCATTGATAAGGC
 CAACCTTGCAAAGCATCCACAGTGGCTGTCTGCCTCTTGGAACAGGAAATGACCTTGCCCGTTGTCTC
 CGCTGGGGAGGAGTTATGAAGGGGCGAGCTTGACAAAAATCCTGAAAGACATTGAGCAGAGCCCTTGG
 TGATGCTGGACCGCTGGCATCTGGAAGTCATCCCAGAGAGGAAGTGAAAACGGGGACAGGTCCCAT
 CAGCATCATGAACAATATTTCTCCATTGGTGTGGACGCTTCCATTGCACACAGATTCCATGTGATGAGA
 GAGAAACATCCTGAAAAATTCAACAGCAGGATGAAGAACAAGCTGTGGTACTTTGAATTTGGCACCTCGG
 AGACTTTTGCAGCGACCTGCAAGAACTCCACGACCACATTGAGTTGGAGTGTGATGGGGTTGGGGTGG
 CCTGAGCAACATCTTCTGGAAGGCATTGCCATTCTCAACATTCACAGCATGTACGGAGGCACCAATCTC
 TGGGGAGAAAAACAAGAAGACCGGGCTGTGATCCGGGAAAGCAGGAAGGGTGTCACTGACCCCAAAGAAC
 TGAAATTTCTGCGTTCAAGACCTCAGTGACCAGCTCCTTGAAGTGGTGGGGCTAGAAGGAGCCATGGAGAT
 GGGGCAGATCTACACCGGCTGAAGAGTGCAGGCAGGAGGCTGGCCAGTGCGCCTCTGTACCATCAGG
 ACAACAAGCTGCTGCCAATGCAAGTGGATGGAGAACCCTGGATGCAGCCATGTTGCACGATTAATAATTA
 CTCACAAGAACCAAGCGCCATGATGATGGGGCCTCCCAGAAGAGCAGCTTCTCTCGTTGAGAAGGAA
 GAGCCGTTCAAAAGAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214133 protein sequence Red=Cloning site Green=Tags(s) MGEERWVSLTPEEFDQLQKYSEYSSKKIKDALTEFNEGGSLKQYDPHEPISYDVFKLFMRAYLEVLDLPQLSTHLFLAFSQKPRHETSDHPTEGASNSEANSADTNIQNADNATKADEACAPDTESNMAEKQAPAEQVAAASPLEPPVPRSSSESPPVYVKDVCYLSLLETGRPQDKLEFMFRLYDSDENGLLDQAEMDCIVNQLMHI AQYLEWDPTELRPILKEMLQGM DYDRDGFVSLQEWVHGGM TTIPLLVLGMDDSGSKGDGRHAWTMKHFK KPTYCNFCHIMLMGVRKQGLCCTYCKYTVHERCVSKNIPGCVKTYSKAKRSGEFHRKCELTCDGGELR DHILLPTSICPIITRDRPGEKSDGCVSAKGELVMQYKIIPTPGTHPLLVLNPKSGGRQGERILRKFHYLL NPKQVFNLDNGGPTPGLNFFRDTPDFRVLACGGDGTGVWILDCIDKANFAKHPPVAVLPLGTGNDLARCL RWGGGYEGGSLTKILKDIEQSPLVMLDRWHLEVIPREEVNGDQVPYSIMNNYFSIGVDASIAHRFHVMR EKHPEKFNSRMKNKLWYFEFGTSETFAATCKKLHDHIELECDGVGVDLSNIFLEGIAILNIPSMYGGTNL WGENKKNRAVIRESRKGVTDPKELKFCVQDLSDQLLEVVGLEGAMEMGQIYTGLKSAGRRLAQCASVTIR TNKLLPMQVDGEPWMQPCCTIKITHKNQAPMMMGPPQKSSFFSLRRKSRSKD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001080745
ORF Size:	2256 bp
Buffer:	PBS with 0.001% Pluronic F7157
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_001080745.1 , NP_001074214.1
RefSeq Size:	5701 bp
RefSeq ORF:	2259 bp
Locus ID:	1608
UniProt ID:	P49619
Cytogenetics:	3q27.2-q27.3
MW:	84.5 kDa