

Product datasheet for **RC226682A1V**

Human DAGLB (NM_001142936) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DAGLB (NM_001142936) AAV Particle
Tag:	Myc-DDK
Symbol:	DAGLB
Synonyms:	DAGLBETA; KCCR13L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC226682 representing NM_001142936
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGGATGGTACTCTTCGGCCGGCGCTGGGCCATCGCCAGCGACGACTTGGTCTTCCAGGGTTCT
 TCGAGCTGGTCGTGCGAGTGCTGGTGGATTGGCATTCTGACGTTGTATCTCATTGCACAGAGGAAAGCT
 GGACTGTGCTGGTGGAGCCTTGCTCAGCAGTTACTTGATCGTCCTCATGATTCTCCTGGCAGTTGTCATA
 TGTACTGTGTCAGCCATCATGTGTGTCAGCATGAGAGGAACGATTTGTAACCCTGGACCGCGGAAGTCTA
 TGTCTAAGCTGCTTACATCCGCTGGCGCTGTTTTTCCAGAGATGGTCTGGGCCTCTCTGGGGCTGC
 CTGGGTGGCAGATGGTGTTCAGTGCACAGGACAGTTGTAACGGCATCATCGCAACCGTCGTGGTCAGG
 ACACAGATCTGGTCCCAGCGACATTGCGGGGGCCTCGCCCTGCTTCATCAGCAACAGGACAATATCAG
 GAACAACCAAGAGCCTGCCAGGTGGTCTGCCATGCCAGGGAGCTCCCAGCTGCAGAAGCAGAACCAC
 AGACTATGACTTGGTCGGAGGCGATCAGCTCAACTGTCACTTCGGCTCCATCCTGCACACCACAGGGCTG
 CAGTACAGGGACTTCATCCACGTGAGTTCATGACAAGTTTACGAGCTGCCGTTTTAGTGGCTCTGG
 ATCACAGGAAAGAGTCTGTTGTGGTTCGCTGTGAGGGGGACCATGTCTCTGCAGGATGTCCTTACGGACCT
 GTCAGCGGAGAGTGAGGTGCTGGACGTGGAGTGTGAGGTGCAGGACCGCCTGGCACACAAGGGTATTTCT
 CAAGCTGCCAGATACGTTTACCAACGACTCATCAACGACGGGATTTTGGCCAAGCCTTACGATTGCTC
 CTGAGTACCGGCTGGTCATAGTGGGCCACAGCCTCGGGGGCGGGCGGCCCTGCTGGCCACCATGCT
 CAGAGCCGCTACCCGACGGTCAGGTGCTACGCCTTCTCCCCACCCGGGGCTGTGGAGCAAAGCTCTG
 CAGGAATATTCTCAGAGCTTTCATCGTCACTCGTCTGGGGAAGGATGTATTCCAGGCTCAGTGTGA
 CCAACTTGAAGATCTGAAGAGAAGAATCTTGGAGTGGTCGCGCACTGCAATAAACCCAAGTACAAGAT
 CTTGCTGCACGGTTTGTGGTACGAAGTGTGGAGGAAACCCCAACAACCTGCCACGGAGCTGGACGGG
 GGCGACCAGGAAGTCTGACACAGCCTTCTGGGGGAGCAGAGCCTACTGACGCGCTGGTCCCCGGCCT
 ACAGCTTCTCCAGCGACTCCCCACTGGACTCTTCTCCCAAGTACCCCTCTCTACCCTCCCGGCAGGAT
 CATCCACCTGCAGGAGGAGGGCGCCTCGGGGGGTTGGCTGCTGCTCTGCTGCTCACTATAGCGCCAAG
 TGGTCACACGAAGCGGAATTAGCAAAATACTCATAGGTCCGAAGATGCTACCGACCACATGCCAGACA
 TCCTGATGCGGGCCTGGACAGCGTGGTCTCCGACAGAGCGGCCCTGCGTCTCCTGTCCAGACAAGGGGT
 CTCCAGTGTGGACGTGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPGMVLFGRRWAIASDDLVPFGFFELVVRVLWWIGILTLYLMHRGKLDCAAGALLSSYLIVLMILLAVVI
 CTVSAIMCVSMRGITICNPGPRKSMSKLLYIRLALFFPEMVWASLGAAWVADGVQCDRTVVNGIIATVVVR
 TQIWCPATLRRASPCFISNRTISGTTKSLPRWSAMPQAGPSCRSTTDYDLVGGDQLNCHFSGILHTTGL
 QYRDFIHVSFHDKVYELPFLVALDHRKESVVVAVRGTMSLQDVLTDLSAESEVLDVECEVQDRLAHKGIS
 QAARYVYQRLINDGILSQAFSIAPEYRLVIVGHSLGGGAAALLATMLRAAYPQVRCYAFSPPRGLWSKAL
 QEYSQSFIVSLVLGKDIVPRLSVTNLEDLKRIRLVVAHCNPKYKILLHGLWYELFGGNPNLPTELD
 GDQEVLTQPLLGEQSLTRWSPAYSFSSDSPLDSSPKYPLYPGRIIHLQEEGASGRFGCCSAAHYSK
 WSHEAEFSKILIGPKMLTDHMPDILMRALDSVSDRAACVSCPAQGVSSVDVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001142936

ORF Size:	1629 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_001142936.1</u> , <u>NP_001136408.1</u>
RefSeq ORF:	1632 bp
Locus ID:	221955
UniProt ID:	<u>Q8NCG7</u>
Cytogenetics:	7p22.1
MW:	59.7 kDa