

Product datasheet for **RC229952A1V**

Human Apolipoprotein A V (APOA5) (NM_001166598) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Apolipoprotein A V (APOA5) (NM_001166598) AAV Particle
Tag:	Myc-DDK
Symbol:	Apolipoprotein A V
Synonyms:	APOAV; RAP3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC229952 representing NM_001166598 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCAAGCATGGCTGCCGTGCTCACCTGGGCTCTGGCTCTTCTTTCAGCGTTTTTCGGCCACCCAGGCAC
GGAAAGGCTTCTGGGACTACTTCAGCCAGACCAGCGGGGACAAAGGCAGGGTGGAGCAGATCCATCAGCA
GAAGATGGCTCGCGAGCCCGCGACCCCTGAAAGACAGCCTTGAGCAAGACCTCAACAATATGAACAAGTTC
CTGGAAAAGCTGAGGCCCTCTGAGTGGGAGCGAGGCTCCTCGGCTCCCACAGGACCCGGTGGGCATGCGGC
GGCAGCTGCAGGAGGAGTTGGAGGAGGTGAAGGCTCGCCTCCAGCCCTACATGGCAGAGGCCACAGGAG
GGTGGGCTGGAATTTGGAGGGCTTGCAGCAGCAACTGAAGCCCTACACGATGGATCTGATGGAGCAGGTG
GCCCTGCGCGTGCAGGAGCTGCAGGAGCAGTTGCGCGTGGTGGGGGAAGACACCAAGGCCAGTTGCTGG
GGGGCGTGGACGAGGCTTGGGCTTGTGTCAGGACTGCAGAGCCGCGTGGTGCACCACCCGGCCGCTT
CAAAGAGCTCTCCACCCATACGCCGAGAGCCTGGTGAGCGGCATCGGGCGCCACGTGCAGGAGCTGCAC
CGCAGTGTGGCTCCGCACGCCCCCGCCAGCCCCGCGCCTCAGTCGCTGCGTGCAGGTGCTCTCCCGGA
AGCTCACGCTCAAGGCCAAGGCCCTGCACGCACGCATCCAGCAGAACCTGGACCAGCTGCGCGAAGAGCT
CAGCAGAGCCTTTCAGGCACTGGGACTGAGGAAGGGCCGGCCCGACCCCGATGCTCTCCGAGGAG
GTGCGCCAGCGACTTCAGGCTTTCGCCAGGACACCTACCTGCAGATAGCTGCCTTCACTCGCGCCATCG
ACCAGGAGACTGAGGAGTCCAGCAGCAGCTGGCGCCACCTCCACCAGGCCACAGTGCCTTCGCCCCAGA
GTTTCAACAAACAGACAGTGGCAAGGTTCTGAGCAAGCTGCAGGCCCGTCTGGATGACCTGTGGGAAGAC
ATCACTCACAGCCTTCATGACCAGGGCCACAGCCATCTGGGGGACCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC229952 representing NM_001166598 Red=Cloning site Green=Tags(s)</p> <p>MASMAAVLTWALALLSAFSATQARKGFWDYFSQTSQDKGRVEQIHQQKMAREPATLKDSLEQDLNMMNKF LEKLRPLSGSEAPRLPQDPVGMRRQLQEELVEVKARLQPYMAEAHEL VGWNLEGLRQQLKPYTMDLMEQV ALRVQELQEQLRVVGEDTKAQLLGGVDEAWALLQGLQSRVVHHTGRFKELFHPYAESLVSGIGRHHVQELH RSVAPHAPASPARLSRCVQVLSRKLTLKAKALHARIQQNLDQLREELSRAFAGTGTEEGAGPDPQMLSEE VRQRLQAFRQDTYLQIAAFTRAIDQETEVEVQQQLAPPPPGHSAFAPEFQQTDSGKVL SKLQARLDDLWED ITHSLHDQGHSHLGD</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001166598
ORF Size:	1098 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_001166598.1</u>
RefSeq Size:	1930 bp
RefSeq ORF:	1101 bp
Locus ID:	116519
UniProt ID:	<u>Q6Q788</u>
Cytogenetics:	11q23.3
MW:	41.2 kDa