

Product datasheet for **RC211023A1V**

Human Apolipoprotein A V (APOA5) (NM_052968) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Apolipoprotein A V (APOA5) (NM_052968) 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:	>RC211023 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCAAGCATGGCTGCCGTGCTCACCTGGGCTCTGGCTCTTCTTTCAGCGTTTTCGGCCACCCAGGCAC
GGAAAGGCTTCTGGGACTACTTCAGCCAGACCAGCGGGGACAAAGGCAGGGTGGAGCAGATCCATCAGCA
GAAGATGGCTCGCGAGCCCGCGACCCCTGAAAGACAGCCTTGAGCAAGACCTCAACAATATGAACAAGTTC
CTGGAAAAGCTGAGGCCTCTGAGTGGGAGCGAGGCTCCTCGGCTCCACAGGACCCGGTGGGCATGCGGC
GGCAGCTGCAGGAGGAGTTGGAGGAGGTGAAGGCTCGCCTCCAGCCCTACATGGCAGAGGCGCACGAGCT
GGTGGGCTGGAATTTGGAGGGCTTGCGGCAGCAACTGAAGCCCTACACGATGGATCTGATGGAGCAGGTG
GCCCTGCGCGTGCAGGAGCTGCAGGAGCAGTTGCGCGTGGTGGGGGAAGACACCAAGGCCAGTTGCTGG
GGGGCGTGGACGAGGCTTGGGCTTTGCTGCAGGACTGCAGAGCCGCGTGGTGCACCACACCGGCCGCTT
CAAAGAGCTCTTCCACCATAACGCCGAGAGCCTGGTGAGCGGCATCGGGCGCCACGTGCAGGAGCTGCAC
CGCAGTGTGGCTCCGCACGCCCCGCCAGCCCCGCGCGCCTCAGTCGCTGCGTGCAGGTGCTCTCCCGGA
AGCTCACGCTCAAGGCCAAGGCCCTGCACGCACGCATCCAGCAGAACCTGGACCAGCTGCGGAAGAGCT
CAGCAGAGCCTTTGCAGGCACTGGGACTGAGGAAGGGGCGGCCCGGACCCCGAGATGCTCTCCGAGGAG
GTGCGCCAGCGACTTCAGGCTTTCCGCCAGGACACCTACCTGCAGATAGCTGCCTTCACTCGCGCCATCG
ACCAGGAGACTGAGGAGGTCCAGCAGCAGCTGGCGCCACCTCCACCAGGCCACAGTGCCTTCGCCCCAGA
GTTTCAACAAACAGACAGTGGCAAGGTTCTGAGCAAGCTGCAGGCCCGTCTGGATGACCTGTGGGAAGAC
ATCACTCACAGCCTTCATGACCAGGGCCACAGCCATCTGGGGGACCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC211023 protein sequence Red=Cloning site Green=Tags(s) MASMAAVLTWALALLSAFSATQARKGFWDYFSQTSQDKGRVEQIHQQKMAREPATLKDSLEQDLNMMNKF LEKLRLPSGSEAPRLPQDPVGMRRQLQEELVEVKARLQPYMAEAHEL VGWNLEGLRQQLKPYTMDLMEQV ALRVQELQEQLRVVGEDTKAQLLGGVDEAWALLQGLQSRVVHHTGRFKELFHPYAESLVSGIGRHVQELH RSVAPHAPASPARLSRCVQVLSRKLTLKAKALHARIQQNLDQLREELSRAFAGTGTEEGAGPDPQMLSEE VRQRLQAFRQDTYLQIAAFTRAIDQETEEVQQQLAPPPPGHSAFAPEFQQTDSGKVL SKLQARLDDLWED ITHSLHDQGHSHLGDP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_052968
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:	NM_052968.3
RefSeq Size:	1954 bp
RefSeq ORF:	1101 bp
Locus ID:	116519
UniProt ID:	Q6Q788
Cytogenetics:	11q23.3
MW:	41.2 kDa