

Product datasheet for **RC210762A1V**

Human Apolipoprotein A I (APOA1) (NM_000039) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Apolipoprotein A I (APOA1) (NM_000039) AAV Particle
Tag:	Myc-DDK
Symbol:	Apolipoprotein A I
Synonyms:	apo(a); HPALP2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210762 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAAGCTGCGGTGCTGACCTTGCCGTGCTCTTCTGACGGGGAGCCAGGCTCGGCATTTCTGGCAGC
AAGATGAACCCCCCAGAGCCCCCTGGGATCGAGTGAAGGACCTGGCCACTGTGTACGTGGATGTGCTCAA
AGACAGCGGCAGAGACTATGTGTCCAGTTTGAAGGCTCCGCCTTGGGAAAACAGCTAAACCTAAAGCTC
CTTGACAACCTGGGACAGCGTGACCTCCACCTTCAGCAAGCTGCGCAACAGCTCGGCCCTGTGACCCAGG
AGTTCTGGGATAACCTGGAAAAGGAGACAGAGGGCCTGAGGCAGGAGATGAGCAAGGATCTGGAGGAGGT
GAAGGCCAAGGTGCAGCCCTACCTGGACGACTTCCAGAAGAAGTGCCAGGAGGAGATGGAGCTCTACCGC
CAGAAGGTGGAGCCGCTGCGCGCAGAGCTCCAAGAGGGCGCGCCAGAAGCTGCACGAGCTGCAAGAGA
AGCTGAGCCCACTGGGCGAGGAGATGCGCGACCGCGCGCGCCCATGTGGACGCGCTGCGCACGCATCT
GGCCCCCTACAGCGACGAGCTGCGCCAGCGCTTGCCGCGCGCCTTGAGGCTCTCAAGGAGAACGGCGGC
GCCAGACTGGCCGAGTACCACGCCAAGGCCACCGAGCATCTGAGCACGCTCAGCGAGAAGGCCAAGCCCG
CGCTCGAGGACCTCCGCCAAGGCCTGCTGCCGTGCTGGAGAGCTTCAAGGTGAGCTTCTGAGCGCTCT
CGAGGAGTACACTAAGAAGCTCAACACCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210762 protein sequence Red=Cloning site Green=Tags(s) MKA AVL TLAVL FLTGSQARHFWQQDEPPQSPWDRVKDLATVYVDVLKDSGRDYVSQFEGSALGKQLNLKL LDNWDSVTSTFSKLREQLGPVTQEFWDNLEKETEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMEL YR QKVEPLRAELQEGARQKLHELQEKL SPLGEEMRDRARAHVDALRTHLAPYSDEL RQRLAARLEALKENG ARLA EYHAKATEHL STLSEKAKPALEDLRQG LLPVLESFKVSFLSALEEYTKKLNTQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000039
ORF Size:	801 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_000039.1</u>
RefSeq Size:	897 bp
RefSeq ORF:	804 bp
Locus ID:	335
UniProt ID:	<u>P02647</u>
Cytogenetics:	11q23.3
MW:	30.8 kDa