

## Product datasheet for **RC237409A1V**

### Human Apolipoprotein E (APOE) (NM\_001302690) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Apolipoprotein E (APOE) (NM_001302690) AAV Particle
Tag:	Myc-DDK
Symbol:	Apolipoprotein E
Synonyms:	AD2; APO-E; ApoE4; LDLCQ5; LPG
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC237409 representing NM_001302690 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAAGTTCTGTGGGCTGCGTTGCTGGTACATTCCTGGCAGGATGCCAGGCCAAGGTGGAGCAAGCGG  
TGGAGACAGAGCCGGAGCCGAGCTGCGCCAGCAGACCGAGTGGCAGAGCGGCCAGCGCTGGGAAGTGGC  
ACTGGGTCGCTTTTGGGATTACCTGCGCTGGGTGCAGACACTGTCTGAGCAGGTGCAGGAGGAGCTGCTC  
AGCTCCCAGGTCACCCAGGAAGTGAAGGAGTTGAAGGCTACAAAT  
CGGAAGTGGAGGAACAAGTACCCCGGTGGCGGAGGAGACGCGGGCACGGCTGTCCAAGGAGCTGCAGGC  
GGCGCAGGCCCGGCTGGGCGCGGACATGGAGGACGTGTGCGGCCCGCTGGTGCAGTACCGCGCGAGGTG  
CAGGCCATGCTCGGCCAGAGCACCGAGGAGCTGCGGGTGCCTCGCCTCCACCTGCGCAAGCTGCGTA  
AGCGGCTCCTCCGCGATGCCGATGACCTGCAGAAGCGCCTGGCAGTGTACCAGGCCGGGGCCCGGAGGG  
CGCCGAGCGCGGCTCAGCGCCATCCGCGAGCGCCTGGGGCCCTGGTGGAAACAGGGCCGCGTGCAGGG  
GCCACTGTGGGCTCCCTGGCCGGCCAGCCGCTACAGGAGCGGGCCAGGCCTGGGGCGAGCGGCTGCGCG  
CGCGGATGGAGGAGATGGGCAGCCGGACCCGCGACCGCCTGGACGAGGTGAAGGAGCAGGTGGCGGAGGT  
GCGCGCAAGCTGGAGGAGCAGGCCAGCAGATACGCTGCAGGCCGAGGCCTTCCAGGCCCGCCTCAAG  
AGCTGGTTCGAGCCCCTGGTGAAGACATGCAGCGCCAGTGGGCCGGGCTGGTGGAGAAGGTGCAGGCTG  
CCGTGGGCACCGCGCCGCCCTGTGCCAGCGACAATCAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC237409 representing NM_001302690 Red=Cloning site Green=Tags(s)  MKVLWAALLVTFLAGCQAKVEQAVETEPEPELRRQQTEWQSGQRWELALGRFWDYLRWVQTLSEQVQEELL SSQVTQELRALMDETMKELKAYKSELEEQLTPVAEETRARLSKELQAAQARLGADMEDVCGRLVQYRGEV QAMLGQSTEELRVRLASHLRKLRKLLRDADDLQKRLAVYQAGAREGAERGLSAIRERLGPLVEQGRVRA ATVGSLAGQPLQERAQAWGERLRARMEEMGSRTRDRLDEVKEQVAEVRAKLEEQAQQIRLQAEAFQARLK SWFEPLVEDMQRQWAGLVEKVQAAVGTSAAPVPSDNH  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001302690
<b>ORF Size:</b>	951 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001302690.1</a> , <a href="#">NP_001289619.1</a>
<b>RefSeq Size:</b>	1265 bp
<b>RefSeq ORF:</b>	954 bp
<b>Locus ID:</b>	348
<b>UniProt ID:</b>	<a href="#">P02649</a>
<b>Cytogenetics:</b>	19q13.32
<b>MW:</b>	36.2 kDa