

## Product datasheet for **RC231317A1V**

### Human AOPEP (NM\_001193331) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human AOPEP (NM_001193331) AAV Particle
Tag:	Myc-DDK
Symbol:	AOPEP
Synonyms:	AP-O; APO; C9orf3; C9ORF3; ONPEP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC231317 representing NM\_001193331  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGGATCGCC

ATGGACATACAGCTGGACCCTGCCAGAGATGACCTGCCTCTCATGGCCAACACCAGCCACATACTTGTGA  
 AGCACTATGACTGGATTTGGATGTGGATTTTGAAGTCAAGTATTGAGGGGACCATAGTGCTTTTCCT  
 CGAGGATGAAACAGATTCAAGAAACAGAATAGCTCTATTGAGGAAGCCTGCCAATCAGAAATCAACAAA  
 GCCTGCAAATTTGGGATGCCTGAACCCTGCCATATCCCGTGACAAATGCAAGGACCTTCTCATCTGAAA  
 TGGAAATAATGATTTTGAATCTGTAGTAAAGGTGAAAAAGATACTTCTGATAAAGATGGTAACCATGA  
 CAACCAGGAACATGCTTCTGGGATTTCTAGCTCAAAGTACTGCTGTGACACAGGGAATCATGGGAGTGAG  
 GATTTTTGCTAGTGTGGACTGCTGTGATTTATCTGTGTTAAAAGTCGAGGAGGTGGATGTTGCTGCTG  
 TGCCAGGTCTGAAAAATTTACAAGTCTCCTGAGCTCACGGTGTGTTCTGAGGAGTTCAGGAATCAGAT  
 TGTACGTGAACCTGTGACTTTGCCTGCAAAATCGTTGGAGGAGCAGTTAGACTATTACGCTCGCTGCAGC  
 CAGGCTCTGGCTGTGGGAACTCCTCTTTGACACTGACACTGGAGCTTGACAGATAAGGAAGACAGGGG  
 CTCAGACAGCTACTGACTTTCCTCATGCTATCAGGATATGGTACAAAACCTAAACCTGAAGGGCGATCGGT  
 TACATGGACCTCAGACCAGAGTGGCAGGCCATGTGTTTAACTGTGGGATCTCCATAAAACAACAGGGCC  
 CTTTTCCATGCCAGGAGCCACCCGTTGCCATGTCAACATGGCAGGCTACAGTTCGAGCAGCTGCATCTT  
 TTGTTGTTTTAATGAGTGGGAAAAATCTGCCAAACCAACGCAGCTTTGGGAAGAGTGCTCAAGCTGGTA  
 TTAATAAGTAACTATGCCAATGCCAGCCTCCACCTTACAATTGCAGTGGGATGCTGGACAGAAATGAAG  
 ATGGAGACATGGTCATCAATGATTTGGCAACAGAGAGACCCTTCTCACCTTCTGAGGCCAACTCAGGC  
 ATGTTGGTGTTCAGTCACATGGAATACCCCTGCCGCTCCAGAAATGCTTCTGCCACCACCCAGGAGAT  
 CATTCCCTCATCGGGTCTTTGCCCTGTGTGCCTCACGGGTGCCCTGCCAAGAGACCCTTCTGCGGCTGATC  
 CCTCCTTGCTCTCAGCAGCACATTCTGTTCTGGGAGCACACCCGTTCTCTCGGCTGGATGTTCTCATCG  
 TCCCTGCCAATTTCCAAGTCTGGGATGGCCAGCCCACACATCATGTTCTCTCAGAGCATCTTGAC  
 AGGAGGGAACCATCTCTGTGGGACCCGCTCTGCCATGAAATTGCCCATGCTGGTTTGGCCTAGCCATC  
 GGGGCCGAGACTGGACGGAGGAGTGGCTGAGTGAAGGCTTCGCCACTCACTGGAGGATGTGTTTTGGG  
 CCACAGCACAGCAGCTGGCCCCCTATGAGGCCCGGGAGCAGCAGGAGCTGAGGGCTTGTCTGCGCTGGCG  
 TCGCTCCAGGACGAGATGCAATGCTCCCCGAGGAGATGCAGGTGTTAAGGTTCCACATGTTGGCGGA  
 TGCAGTGAAGCTTCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC231317 representing NM\_001193331  
 Red=Cloning site Green=Tags(s)

MDIQLDPARDDLPLMANTSHILVKHYVLDLDFVDFESQVIEGTIVLFLEDGNRFKKQNSSIEEACQSESNK  
 ACKFGMPEPCHIPVTNARTFSSEMEYNDFAIKSKGEKDTSDKDGNHDNQEHASGISSSKYCCDTGNHGSE  
 DFLLVLDCCDLVSLKVEEVDVAAVPGLEKFTRSPELTVVSEEFRNQIVRELVTLPANRWREQLDYYARCS  
 QAPGCGELLFDTDTWSLQIRKTGAQTATDFPHAIRIWKTKPEGRSVTWTSDQSGRCPVYTVGSPINNRA  
 LFPCQEPVAMSTWQATVRAAASFVVLMSGENSAKPTQLWEECSSWYVVYVMPMPASTFTIAGVCWTEMK  
 METWSSNDLATERPFSPSEANFRHVGVCSHMEYPCRFQNASATTQEIIIPHRVFAFVCLTGACQETLLRLI  
 PPCLSAHNSVLGAHPFSRLDVLIVPANFPSLGMASPHIMFLSQSILTGGNHLCGTRLCHIEIAHAWFGLAI  
 GARDWTEEWLSEGFATHLEDVFWATAQQLAPYEAREQQELRACLRWRRLQDEMQCSPPEMQVLRFPVHVG  
 CSGSFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

<b>ACCN:</b>	NM_001193331
<b>ORF Size:</b>	1698 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>	<u><a href="#">NM_001193331.2</a></u>
<b>RefSeq ORF:</b>	1701 bp
<b>Locus ID:</b>	84909
<b>UniProt ID:</b>	<u><a href="#">Q8N6M6</a></u>
<b>Cytogenetics:</b>	9q22.32
<b>MW:</b>	63.8 kDa