

Product datasheet for **RC215282A1V**

Human APLP1 (NM_005166) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human APLP1 (NM_005166) AAV Particle
Tag:	Myc-DDK
Symbol:	APLP1
Synonyms:	APLP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215282 representing NM_005166
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGGGCCCCGAGCCCCGCTGCTCGCGGTCTAAGTCGCCGCCCGGGCCAGCCGCGCTGCCGCTGCTGC
 TGCCACTATTGCTGCTGCTTCTGCGCGCGCAGCCGCCATCGGGAGCCTGGCCGGTGGGAGCCCCGGCGC
 GGCCGAGGCCCGGGGTGCGCCAGGTGGCTGGAATATCGGGCGCCTAACCTTTCACCGGACCTGCGC
 ACCGGCCGCTGGGAACAGACCCACAGCGCTCTCGACGCTGTCTCCGGGACCGCAGCGCTGCTGGAGT
 ACTGCAGACAGATGTACCCGAGCTGCAGATTGACAGTGTGGAGCAGGCTACGCAGGCCATCCCCATGGA
 GCGCTGGTGGGGGGTTCGCGAGCGGAGCTGCGCCACCCCAACCAGGTTGTGCCCTTCCGCTGC
 CTGCTGGTGAATTTGTAGTGAGGCCCTGCTGGTGCCTGAAGGCTGCCGTTCTTGACAGGAGCGCA
 TGGACCAATGTGAGAGTTCAACCCGAGGCATCAGGAGGCACAGGAGGCTGCAGCTCCAGGGCCTCAT
 CCTGCACGGCTCGGGCATGCTTACCCTGTGGCTCGGATCGGTTCCGTGGTGTGGAGTATGTGTCTGT
 CCCCCTCCAGGGACCCCGACCCATCTGGGACAGCAGTTGGTGACCCCTCCACCCGGTCTGGCCCCCGG
 GGAGCAGAGTAGAGGGGGCTGAGGACGAGGAAGAGGAGGAATCCTTCCACAGCCAGTAGATGATTACTT
 CGTGGAGCCTCCGCAGGCTGAAGAGGAAGAGGAACGGTCCCACCCCAAGCTCCCATACACTTGCAGTG
 GTCGGCAAAGTCACTCCACCCCGAGGCCACAGACGGTGTGGATATTTACTTTGGCATGCTGGGGAAA
 TCAGTGAGCACGAGGGGTTCTGAGGGCCAAGATGGACCTGGAGGAGCGTAGGATGCGCCAGATTAATGA
 GGTGATGCGTGAATGGCCATGGCAGACAACAGTCCAAGAACCTGCCTAAAGCCGACAGACAGGCCCTG
 AATGAGCACTTCCAGTCCATTCTGCAGACTCTGGAGGAGCAGGTGTCTGGTGAGCGACAGCGCCTGGTGG
 AAACCCACGCCACCCGCGTCATCGCCCTTATCAACGACCAGCGCCGGGCTGCCTTGAGGGGCTTCCCTGGC
 AGCCCTGCAGGCAGATCCGCCTCAGGCGGAGCGTGTCTGTTGGCCCTGCGGCGCTACCTGCGTGCAGG
 CAGAAGGAACAGAGGCACAGCTGCGCCACTACCAGCATGTGGCCGCGTGGATCCCGAGAAGGCACAGC
 AGATGCGCTTCCAGGTGCATACCCACCTTCAAGTGATTGAGGAGAGGGTGAATCAGAGCCTGGGCTGCT
 TGACCAGAACCCCACTGGCTCAGGAGCTGCGGCCCCAAATCCAGGAACCTCTCCACTCTGAACACCTG
 GGTCCCAGTGAATTGGAAGCCCTGCCCTGGGGGAGCAGCGAGGACAAGGGTGGGCTGCAGCCTCCAG
 ATTCCAAGGATGACACCCCATGACCTTCCAAAAGGGTCCACAGAACAAGATGCTGCATCCCCTGAGAA
 AGAGAAGATGAACCCGCTGGAACAGTATGAGCGAAAGGTGAATGCGTCTGTTCCAAGGGTTTCCCTTTC
 CACTCATCGGAGATTGAGAGGATGAGCTGGCACCAGCTGGGACAGGGGTGTCCCGTGGGCTGTGTCGG
 GTCTGCTGATCATGGGAGCGGGCGGAGGCTCCCTCATCGTCCTCTCCATGCTGCTCCTGCGCAGGAAGAA
 GCCCTACGGGGTATCAGCCATGGCGTGGTGGAGGTGGACCCCATGCTGACCCTGGAGGAGCAGCAGCTC
 CGCAACTGCAGCGGCACGGCTATGAGAACCCCACTTACCGCTTCTGGAGGAACGACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215282 representing NM_005166 Red=Cloning site Green=Tags(s) MGPASPAARGLSRRPGQPPLPLLLPLLLLLLRAQPAIGSLAGGSPGAAEAPGSAQVAGLCGRLTLHRDLR TGRWEPDPQRSRRCLRDPQRVLEYCRQMYPELQIARVEQATQAIPMERWCGGSRSGSCAHPHHQVVPFRC LPGEFVSEALLVPEGCRFLHQERMDQCESSTRRHQEAQEACSSQGLILHGSGMLLPCGSDRFRGVEYVCC PPPGTPDPSTAVGDPSTRSWPPGSRVEGADEEEEEESFPQPVDDYFVEPPQAEEEEETVPPSSHTLAV VGKVTPTPRPTDGVDIYFGMPGEISEHEGFLRAKMDLEERRMRQINEVMREWAMADNQSKNLPKADRQAL NEHFQSILQTLQEEQVSGERQRLVETHATRVIALINDQRRAALEGFLAALQADPPQAERVLLALRRYLRAE QKEQRHTLRHYQHVAAYDPEKAQQMRQVHTHLQVIEERNVQSLGLLDQNPFLAQELRPQIQELLHSEHL GPSELEAPAPGGSSSEDKGGLQPPDSKDDTPMTLPKGSTEQDAASPEKEKMNPLEQYERKVNASVPRGFPP HSSEIQRDELAPAGTGSREAVSGLLIMGAGGGSILVLSMLLLRRKKPYGAISHGVVEVDPMLTLEEQQL RELQRHGYENPTYRFLEERP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005166
ORF Size:	1950 bp
Buffer:	PBS with 0.001% Pluronic F7354
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_005166.3
RefSeq Size:	2447 bp
RefSeq ORF:	1953 bp
Locus ID:	333
UniProt ID:	P51693
Cytogenetics:	19q13.12
MW:	72.18 kDa