

Product datasheet for **MR210097A1V**

Mouse **Aplp2** (NM_009691) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Aplp2 (NM_009691) AAV Particle
Tag:	Myc-DDK
Symbol:	Aplp2
Synonyms:	AI790698; APLP-2; CDEBP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210097 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCCACCGGACCGCGCGCTGCGGCCACCGCAAGCTTCTTGTCTGCTGCTGCTCGGGCTCA
 CGGCGCCCGCTGCGGCTCTGGCTGGCTACATAGAGGCTTTGCAGCCAATGCTGGAACAGGCTTCGCTGT
 TGCTGAGCCTCAGATTGCGATGTTCTGTGGAAAGCTGAATATGCATGTGAACATTCAGACTGGCAATGG
 GAGCCTGACCCAACAGGCACCAAGAGCTGCCTTGAACAAAGGAGGAGTTCTTCAGTACTGCCAGGAGA
 TATATCCAGAGCTGCAGATCACAAATGTGATGGAAGCAAACAGCCAGTCAATATTGATAGTTGGTGCCG
 AAGGGACAAAAGGCAGTGCAAGAGTCACATTGTTATACCATTCAGTGTCTTGTGGGTGAATTTGTAAGT
 GATGTCCTGCTAGTTCCAGATAACTGCCAGTTTTTCCACCAAGAGCGGATGGAGGTGTGTGAGAAGCACC
 AGCGCTGGCACACGTTAGTCAAGGAGGCATGTCTGACTGAGGGGCTGACCTTATATAGCTATGGCATGCT
 GCTGCCCTGCGGGGTAGACCAGTTCATGGCACCGAGTATGTGTGCTGCCCTCAGACAAAGACTGTTGAC
 TCGGACTCGACTATGTCCAAAGAAGAGGAGGAAGAGGAAGAGGATGAAGAGGACGAAGAGGAAGACTATG
 ATCTTGATAAAAGTGAATTTCTACTGAAGCAGATTTGGAAGACTTCACAGAAGCAGCAGCAGATGAGGA
 AGAAGAGGATGAGGAGGAAGGGGAGGAAGTGGTGAAGACCGTGACTACTACTATGACCCCTTTAAAGGA
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 ACGATGTTAAAGTTCCCCGACTCCCCTGCCAACCAATGATGTTGATGTGATTTTGGAGCCTCAGCGGA
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 AGGGTAAAGAAGGAATGGGAAGAGGCAGAACTTCAAGCCAAGAACCTCCCAAGACAGAAAGACAGACCC
 TCATCCAGCATTTCAGCTATGGTTAAAGCTTTAGAGAAAGAAGCAGCCAGTGAGAAGCAGCAGCTTGT
 GGAAACCCATCTGGCCCGAGTAGAAGCCATGCTGAATGACCGCCGACGCATAGCTCTGGAAAATTACCTG
 GCTGCCCTGCAGTCTGACCCACCTCGGCCACATCGCATTCTTCAAGCTCTTCGTCGTTACGTCCGTGCTG
 AGAACAAAGATCGCCTGCATACCATTCGTCATTACCAACACGTGTTGGCTGTTGACCCAGAAAAGGCCGC
 CCAGATGAAATCCCAGGTGATGACACACCTCCATGTGATTGAAGAAAGAAGGAACCAAAGTCTTTCTCTT
 CTGTACAAAGTTCCTTATGTTGCTCAAGAAATTCAGAGGAAATTGATGAGCTCCTTCAGGAACAGCGAG
 CGGATATGGACCAATTTACCTCCTCCATCTCAGAGAACCCTGTGGATGTCCGGGTGAGCTCTGAGGAGAG
 TGAGGAGATCCCGCGTTCCACCCTCTCCATCCCTTCTATCCTTGTCTGAGAATGAAGGCTCTGGAATG
 GCAGAACAGACGGGGGACTGATTGGTGCAGAGAAAAAGTGATTAACAGCAAGAATAAAATGGATGAAA
 ATATGGTCATTGACGAGACTCTGGATGTTAAGGAAATGATTTTCAATGCTGAGAGAGTTGGAGGCCTTGA
 GGAAGAGCCGGAATCGGTGGGACCTTTAAGGGAGGATTCAGTTTGAGCAGCAATGCCCTTATTGGCTTG
 CTGTTATCGCAGTGGCCATTGCTACGGTCATCGTTATCAGCCTGGTGATGCTGAGGAAGAGGCAGTACG
 GCACCATCAGCCACGGGATTGTGGAGTTGACCAATGCTCACCCAGAGAGCGTCACCTGAACAAGAT
 GCAGAACCATGGTTATGAAAACCAACCTACAAATACCTGGAGCAGATGCAGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210097 protein sequence Red=Cloning site Green=Tags(s) MAATGTAAAAATGKLLVLLLLGLTAPAAALAGYIEALAANAGTGFAVAEPQIAMFCGKLNMHVNIQTGKW EPDPTGKSKCLGKKEVLQYCQEIYPELQITNVMEANQPVNIDSWCRRDKRQCKSHIVIPFKCLVGEFVS DVLLVPDNCQFFHQERMEVCEKHQRWHTLVKEACLTEGLTLYSYGMLLPCGVDQFHGTEYVCCPQTKTV SDSTMSKEEEEEEEDEEEDYDLKSEFPTEADLEDFTEAADEEEEEEEEGEEVVEDRDYYDPFKG DDYNEENPTSPSEGTISDKEIVHDVKVPPTPLPTNDVDVYFETSADDNEHARFQKAKEQLEIRHRNRMD RVKKEWEEAELQAKNLPKTERQTLIQHFQAMVKALEKEAASEKQQLVETHLARVEAMLNDRRRRIALENYL AALQSDPPRPHRILQALRRYVRAENKDRHTIRHYQHVLAVDPEKAAQMKSQVMTHLHVIEERRNQSLSL LYKVPYVAQEIQEIDELLQEQRADMDQFTSSISENPVDVRSSEESIEPPFHPLHPFLSLSENEGSGM AEQDGGGLIGAEKVINSKNMDENMVIDETLDVKEMIFNAERVGGLEEEPESVGPLREDFSLSSNALIGL LVIAVAIATVIVISLVMLRKRQYGTISHGIVEVDPMLTPEERHLNKMQNNGYENPTYKYLEQMQL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_009691
ORF Size:	2085 bp
Buffer:	PBS with 0.001% Pluronic F1195
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_009691.2, NP_033821.1</u>
RefSeq Size:	3490 bp
RefSeq ORF:	2088 bp
Locus ID:	11804
Cytogenetics:	9 16.66 cM
MW:	79 kDa