

Product datasheet for **RC215147A1V**

Human Amyloid Precursor Protein (APP) (NM_201414) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Amyloid Precursor Protein (APP) (NM_201414) AAV Particle
Tag:	Myc-DDK
Symbol:	APP
Synonyms:	AAA; ABETA; ABPP; AD1; alpha-sAPP; APPI; CTFgamma; CVAP; PN-II; PN2; preA4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215147 representing NM_201414
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTGCCCGTTTGGCACTGCTCCTGTGCGCCGCTGGACGGCTCGGGCGCTGGAGGTACCACTGATG
 GTAATGCTGGCCTGCTGGCTGAACCCAGATTGCCATGTTCTGTGGCAGACTGAACATGCACATGAATGT
 CCAGAATGGGAAGTGGGATTAGATCCATCAGGGACCAAAACCTGCATTGATACCAAGGAAGGCATCCTG
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 CTTAGTTGGTGAAGTTTGAAGTATGCCCTTCTCGTTCCTGACAAGTGCAAAATCTTACACCAGGAGAGG
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 GCTGATAAGAAGGCAGTTATCCAGCATTTCCAGGAGAAAGTGAATCTTTGGAACAGGAAGCAGCCAACG
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 GAAGTTGAGCCTGTTGATGCCCCCCTGCTGCCGACCGAGGACTGACCACTCGACCAGGTTCTGGGTTGA
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 AGTTATCATCATCAAAATTTGGTGTCTTTGCAGAAGATGTGGGTTCAAACAAAGGTGCAATCATTGGACTC
 ATGGTGGGCGGTGTTGTATAGCGACAGTGATCGTCATCACCTTGGTGATGCTGAAGAAGAAACAGTACA
 CATCCATTATCATGGTGTGGTGGAGGTTGACGCCGCTGTACCCAGAGGAGCGCCACCTGTCCAAGAT
 GCAGCAGAACGGCTACGAAAATCCAACCTACAAGTTCTTTGAGCAGATGCAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215147 representing NM_201414 Red=Cloning site Green=Tags(s) MLPGLALLLLAAWTARALEVPTDGNAGLLAEPQIAMFCGRLNMHMNVQNGKWDSPSGTKCIDTKEGIL QYCQEVPELQITNVVEANQPVTIQNWCKRGRKQCKTHPHFVIPYRCLVGEFVSDALLVPDKCKFLHQR MDVCETHLHWHTVAKETCSEKSTNLHDYGMLLPCGIDKFRGVEFVCCPLAEESDNVDSADAEEDSDVWW GGADTDYADGSEDKVVEVAEEEEVAEEEEADDEDEDEDGDEVEEEAEEPYEEATERTTSIATTTTTT ESVEEVVRVPTTAASTPDAVDKYLETPGDENEHAFQKAKERLEAKHREMSQVMREWEEAERQAKNLPK ADKKAVIQHFQEKVESLEQEAANERQQLVETHMARVEAMLNDRRLALENYITALQAVPPRPRHVFNMLK KYVRAEQKDRQHTLKHFEHVRMVDPKKAAQIRSQVMTHLRVIYERMNQSLSLLYNPAVAEEIQDEVDL LQKEQNYSDDLANMISEPRISYGNALMPSLTETKTTVELLPVNGEFLDDLQPWHSFGADSVANTEN EVEPVDARPAADRGLTTRPGSLTNIKTEEISEVKMDAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGL MVGGVVIATVIVITLVMKKKQYTSIHGVEVDAAVTPEERHLSKMQQNGYENPTYKFFEQMQN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_201414
ORF Size:	2085 bp
Buffer:	PBS with 0.001% Pluronic F7328
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_201414.1</u>
RefSeq Size:	3416 bp
RefSeq ORF:	2088 bp
Locus ID:	351
UniProt ID:	<u>P05067</u>
Cytogenetics:	21q21.3
MW:	76.9 kDa