

Product datasheet for **RC209575A1V**

Human Amyloid Precursor Protein (APP) (NM_201413) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Amyloid Precursor Protein (APP) (NM_201413) 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:

>RC209575 representing NM_201413
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTGCCCGTTTGGCACTGCTCCTGCTGGCCGCTGGACGGCTCGGGCGCTGGAGGTACCACTGATG
 GTAATGCTGGCCTGCTGGCTGAACCCAGATTGCCATGTTCTGTGGCAGACTGAACATGCACATGAATGT
 CCAGAATGGGAAGTGGGATTAGATCCATCAGGGACCAAAACCTGCATTGATACCAAGGAAGGCATCCTG
 CAGTATTGCCAAGAAGTCTACCTGAACTGCAGATCACCATGTGGTAGAAGCCAACCAACAGTGACCA
 TCCAGAAGTGGTGAAGCGGGCCGCAAGCAGTGAAGACCCATCCCCACTTTGTGATTCCCTACCGCTG
 CTTAGTTGGTGAAGTTGTAAGTATGCCCTTCTGTTCTGACAAGTGCAAAATCTTACACCAGGAGAGG
 ATGGATGTTTGCAGAACTCATCTTCACTGGCACACCGTCGCCAAGAGACATGCAGTGAGAAGAGTACCA
 ACTTGATGACTACGGCATGTTGCTGCCCTGCGGAATTGACAAGTTCGAGGGGTAGAGTTTGTGTGTTG
 CCCACTGGCTGAAGAAAGTGACAATGTGGATTCTGCTGATGCGGAGGAGGATGACTCGGATGTCTGGTGG
 GGCGGAGCAGACAGACTATGCAGATGGGAGTGAAGACAAAGTAGTAGAAGTAGCAGAGGAGGAAGAAG
 TGGCTGAGGTGGAAGAAGAAGAAGCCGATGATGACGAGGACGATGAGGATGGTGTGAGGTAGAGGAAGA
 GGCTGAGGAACCTACGAAGAAGCCACAGAGAGAACACCAGCATTGCCACCACCACCACCACCACACA
 GAGTCTGTGGAAGAGGTGGTTCGAGAGGTGTGCTCTGAACAAGCCGAGACGGGGCCGTGCCGAGCAATGA
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 AGTACCCTGATGCCGTTGACAAGTATCTCGAGACACCTGGGGATGAGAATGAACATGCCATTTCCAGA
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 AGAACGTCAAGCAAAGAAGTGGCTAAAGCTGATAAGAAGGCAGTTATCCAGCATTTCCAGGAGAAAGTG
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 GCCTCGTCACGTGTTCAATATGCTAAAGAAGTATGTCCGCGCAGAACAGAAGGACAGACAGCACACCCTA
 AAGCATTTGAGCATGTGCGCATGGTGGATCCAAGAAAGCCGCTCAGATCCGGTCCCAGGTTATGACAC
 ACCTCCGTGTGATTTATGAGCGCATGAATCAGTCTCTCTCCCTGCTCTACAACGTGCCTGCAGTGCCGA
 GGAGATTCAGGATGAAGTTGATGAGCTGCTTCAGAAAGAGCAAACTATTGAGTACGCTCTTGCCCAAC
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 CCGTGGAGCTCCTTCCCGTGAATGGAGAGTTACGCCTGGACGATCTCCAGCCGTGGCATTCTTTTGGGGC
 TGACTCTGTGCCAGCCAACACAGAAAACGAAGTTGAGCCTGTTGATGCCCGCCCTGCTGCCGACCGAGGA
 CTGACCACTCGACCAGGTTCTGGGTTGACAAATATCAAGACGGAGGAGATCTCTGAAGTGAAGATGGATG
 CAGAATTCGACATGACTCAGGATATGAAGTTCATCATCAAAATTTGGTGTCTTTGCAGAAGATGTGGG
 TTCAAACAAAGGTGAATCATTGGACTCATGGTGGCGGTGTTGTATAGCGACAGTGATCGTCATCACC
 TTGGTGTGCTGAAGAAGAAACAGTACACATCCATTATCATGGTGTGGTGGAGGTTGACGCCGTGTCA
 CCCAGAGGAGCGCCACCTGTCCAAGATGCAGCAGAACGGCTACGAAAATCCAACCTACAAGTTCTTTGA
 GCAGATGCAGAAC

ACCGGTACGCGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209575 representing NM_201413 Red=Cloning site Green=Tags(s) MLPGLALLLLAAWTARALEVPTDGNAGLLAEPQIAMFCGRLNMHMNVQNGKWDSDPSGKTKCIDTKEGIL QYCQEVYPELQITNVVEANQPVTIQNWCKRGRKQCKTHPHFVIPYRCLVGEFVSDALLVPDKCKFLHQR MDVCETHLHWHTVAKETCSEKSTNLHDYGMLLPCGIDKFRGVEFVCCPLAEESDNVDSADAEEDSDVWW GGADTDYADGSEDKVVEVAEEEEVAEEEEADDEDEDEGDEVEEEAEEPYEEATERTTSIATTTTTTT ESVEEVVREVCSEAETGPCRAMISRWFYDVTEGKCAPFFYGGCGGNRNNFDTEEYCMVCGSAIPTTAA STPDAVDKYLETPGDENEHAHFQKAKERLEAKHRERMSQVMREWEAERQAKNLPKADKKAVIQHFQEKV ESLEQEAANERQQLVETHMARVEAMLNDRRLALENYITALQAVPPRPRHVFNMLKKYVRAEQKDRQHTL KHFEHVRMVDPKKAAQIRSQVMTHLRVIYERMNQLSLLYNVPAVAEEIQDEVDELLQKEQNYSDDLAN MISEPRISYGNDALMPSLTETKTTVELLPVNGEFSLDDLQPWHSFGADSVANTENEVEPVDPADARG LTTRPGSGLTNIKTEEISEVKMDAEFRHDSGYEVHHQKLVFFAEDVGSNGKAIIGLMVGGVVIATVIVIT LVMLKKKQYTSIHGGVVEVDAAVTPEERHLSKMQQNGYENPTYKFFEQMQN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_201413
ORF Size:	2253 bp
Buffer:	PBS with 0.001% Pluronic F6463
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_201413.1</u>
RefSeq Size:	3584 bp
RefSeq ORF:	2256 bp
Locus ID:	351
UniProt ID:	<u>P05067</u>
Cytogenetics:	21q21.3
MW:	83 kDa