

Product datasheet for **RC221339A1V**

Human Amyloid Precursor Protein (APP) (NM_000484) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Amyloid Precursor Protein (APP) (NM_000484) 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)



[View online »](#)

ORF Nucleotide Sequence:

>RC221339 representing NM_000484
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCCCGTTTGGCACTGCTCCTGCTGGCCGCTGGACGGCTCGGGCGCTGGAGGTACCACTGATG
 GTAATGCTGGCCTGCTGGCTGAACCCAGATTGCCATGTTCTGTGGCAGACTGAACATGCACATGAATGT
 CCAGAATGGGAAGTGGGATTAGATCCATCAGGGACCAAAACCTGCATTGATACCAAGGAAGGCATCCTG
 CAGTATTGCCAAGAAGTCTACCTGAACTGCAGATACCAATGTGGTAGAAGCCAACCAACAGTGACCA
 TCCAGAAGTGGTGAAGCGGGCGCAAGCAGTGAAGACCCATCCCCACTTTGTGATTCCCTACCGCTG
 CTTAGTTGGTGAGTTTGAAGTATGCCCTTCTCGTTCCTGACAAGTGCAAAATCTTACACCAGGAGAGG
 ATGGATGTTTGCAGAACTCATCTTCACTGGCACACCGTCGCCAAAGAGACATGCAGTGAGAAGAGTACCA
 ACTTGATGACTACGGCATGTTGCTGCCCTGCGGAATTGACAAGTTCGAGGGGTAGAGTTTGTGTGTTG
 CCCACTGGCTGAAGAAAGTGACAATGTGGATTCTGCTGATGCGGAGGAGGATGACTCGGATGTCTGGTGG
 GGCGGAGCAGACAGACTATGCAGATGGGAGTGAAGACAAAGTAGTAGAAGTAGCAGAGGAGGAAGAAG
 TGGCTGAGGTGGAAGAAGAAGAAGCCGATGATGACGAGGACGATGAGGATGGTGTAGAGTAGAGGAAGA
 GGCTGAGGAACCTACGAAGAAGCCACAGAGAGAACCAACAGCATTGCCACCACCACCACCACCACACA
 GAGTCTGTGGAAGAGGTGGTTCGAGAGGTGTGCTCTGAACAAGCCGAGACGGGGCCGTGCCGAGCAATGA
 TCTCCCCTGGTACTTTGATGTGACTGAAGGGAAGTGTGCCCCATTCTTTACGGCGGATGTGGCGGCAA
 CCGGAACAACCTTTGACACAGAAGAGTACTGCATGGCCGTGTGTGGCAGCGCCATGTCCCAAAGTTTACTC
 AAGACTACCCAGGAACCTCTTGCCCGAGATCCTGTTAACTTCCTACAACAGCAGCCAGTACCCCTGATG
 CCGTTGACAAGTATCTCGAGACACCTGGGGATGAGAATGAACATGCCCCATTTCCAGAAAGCCAAAGAGAG
 GCTTGAGGCCAAGCACCGAGAGAGAATGTCCAGGTCATGAGAGAATGGGAAGAGGCAGAACGTCGAAGCA
 AAGAAGTGCCTAAAGCTGATAAGAAGGCAGTTATCCAGCATTTCAGGAGAAAGTGAATCTTTGGAAC
 AGGAAGCAGCCAACGAGAGACAGCAGCTGGTGGAGACACATGGCCAGAGTGAAGCCATGCTCAATGA
 CCGCCGCCCTGGCCCTGGAGAACTACATCACCGCTCTGCAGGCTGTTCTCTCGGCCTCGTCACGTG
 TTCAATATGCTAAAGAAGTATGTCCGCGCAGAACAGAAGGACAGACAGCACACCCTAAAGCATTTTCGAGC
 ATGTGCGCATGGTGGATCCCAAGAAAGCCGCTCAGATCCGCTCCAGGTTATGACACACCTCCGTGTGAT
 TTATGAGCGCATGAATCAGTCTCTCTCCCTGCTCTAACCGTGCCTGCAGTGGCCGAGGAGATTCAGGAT
 GAAGTTGATGAGCTGCTTCAGAAAGAGCAAACTATTCAGATGACGTCTTGCCCAACATGATTAGTGAAC
 CAAGGATCAGTTACGGAACGATGCTCTCATGCCATCTTTGACCGAAACGAAACACCGTGGAGCTCCT
 TCCCGTGAATGGAGAGTTCAGCCTGGACGATCTCCAGCCGTGGCATTCTTTTGGGGCTGACTCTGTGCCA
 GCCAACACAGAAAACGAAGTTGAGCCTGTTGATGCCCGCCCTGCTGCCGACCGAGGACTGACCACTCGAC
 CAGGTTCTGGGTTGACAAATATCAAGACGGAGGAGATCTCTGAAGTGAAGATGGATGCAGAATTCGACAC
 TGACTCAGGATATGAAGTTCATCATCAAAAATTGGTGTCTTTGAGAGAAGATGTGGGTTCAAACAAAGGT
 GCAATCATTGGACTCATGGTGGGCGGTGTTGTATAGCGACAGTATCGTCATCACCTTGGTGTGCTGA
 AGAAGAAACAGTACACATCCATTATCATGGTGTGGTGGAGGTTGACGCCGCTGTACCCAGAGGAGCG
 CCACCTGTCCAAGATGCAGCAGAACGGCTACGAAAATCCAACCTACAAGTTCTTTGAGCAGATGCAGAAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221339 representing NM_000484 Red=Cloning site Green=Tags(s) MLPGLALLLLAAWTARALEVPTDGNAGLLAEPQIAMFCGRLNMHMNVQNGKWSDPSGKTCIDTKEGIL QYCQEVYPELQITNVVEANQPVTIQNWCKRGRKQCKTHPHFVIPYRCLVGEFVSDALLVPDKCKFLHQR MDVCETHLHWHTVAKETCSEKSTNLHDYGMLPCGIDKFRGVEFVCCPLAEESDNVDSADAEEDSDVWW GGADTDYADGSEDKVVEVAEEEEVAEEEEADDEDEDEGDEVEEEAEEPYYEATERTTSIATTTTTTT ESVEEVVREVCSEAETGPCRAMISRWFYFDVTEGKCAPFFYGGCGGNRNNFDTEEYCMVCGSAMSQSLL KTTQEPLARDPVKLPPTTAASTPDAVDKYLETPGDENEHAHFQKAKERLEAKHRERMSQVMREWEEAERQA KNLPKADKKAVIQHFQEKVESLEQEAANERQQLVETHMARVEAMLNDRRLALENYITALQAVPPRPRHV FNMLKKYVRAEQKDRQHTLKHFEHVRMVDPKKAAQIRSQVMTHLRVIYERMQSLSLLYNPVAVEEIQD EVDLLQKEQNYSDDLANMISEPRISYGNDALMPSLTETKTTVELLPVNGEFSLDDLQPWHSFGADSVP ANTENEVEPVDARPAADRGLTTRPGSLTNIKTEEISEVKMDAEFRHDSGYEVHHQKLVFFAEDVGSNKG AIIGLMVGGVVIATVIVITLVMLKKKQYTSIIHGVVEVDAAVTPEERHLSKMQQNGYENPTYKFFEQMQN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000484
ORF Size:	2310 bp
Buffer:	PBS with 0.001% Pluronic F8325
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_000484.2
RefSeq Size:	3641 bp
RefSeq ORF:	2313 bp
Locus ID:	351
UniProt ID:	P05067
Cytogenetics:	21q21.3
MW:	86.94 kDa