

Product datasheet for **MR210090A1V**

Mouse App (NM_007471) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse App (NM_007471) AAV Particle
Tag:	Myc-DDK
Symbol:	App
Synonyms:	Abeta; Abpp; Adap; Ag; betaApp; Cvap; E030013M08Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>MR210090 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGCTGCCAGCTTGGCACTGCTCCTGCTGGCCGCTGGACGGTTCGGGCTCTGGAGGTACCACTGATG
GCAACGCGGGCTGCTGGCAGAACCCAGATCGCCATGTTCTGTGGTAACTCAACATGCACATGAATGT
GCAGAAATGGAAGTGGGAGTCAGACCCGTCAGGGACCAAAACCTGCATTGGCACCAAGGAGGGCATCTTG
CAGTACTGCCAAGAGGTCTACCCTGAACTGCAGATCACAACGTTGGTGAAGCCAACAGCCAGTGACCA
TCCAGAAGTGGTGAAGCGGGCCGCAAGCAGTGAAGACACACCCACATCGTGATTCTTACCCTTG
CCTAGTTGGTGAAGTTGTGAGCGACGCCCTTCTGTCGCCGACAAGTGAAGTTCCTACACAGGAGCGG
ATGGATGTTTGTGAGACCATCTTCACTGGCACACCGTCGCCAAAGAGACATGCAGCGAGAAGAGCACTA
ACTTGACGACTATGGCATGCTGCTGCCCTGCGGCATCGACAAGTTCGAGGGGTAGAGTTTGTATGCTG
CCCGTTGGCCGAGGAAAGCGACAGCGTGGATTCTGCGGATGCAGAGGAGGATGACTCTGATGTCTGGTGG
GGTGGAGCGGACACAGACTACGCTGATGGCGGTGAAGACAAAGTAGTAGAAGTCGCCGAAGAGGAGGAAG
TGGCTGATGTTGAGGAAGAGGAAGCTGATGATGATGAGGATGTGGAGGATGGGGACGAGGTGGAGGAGGA
GGCCGAGGAGCCCTACGAAGAGGCCACCGAGAGAAACACAGCACTGCCACCACCACCAACCACT
GAGTCCGTGGAGGAGGTGGTCCGAGTTCACGACAGCAGCCAGCACCCCGACGCCGTCGACAAGTACC
TGGAGACACCCGGGACGAGAAGCAGCATGCCATTTCAGAAAGCCAAGAGAGGCTGGAAGCCAAGCA
CCGAGAGAGAAATGTCCAGGTCTAGAGAAATGGGAAGAGGCAGAGCGTCAAGCCAAGAACTGCCCAAA
GCTGACAAGAAGGCCGTTATCCAGCATTTCCAGGAGAAAGTGAATCTCTGGAACAGGAAGCAGCCAATG
AGAGACAGCAGCTTGTAGAGACACATGGCCAGAGTTGAAGCCATGCTCAATGACCGCCGCCCTGGC
CCTCGAGAATTACATCACTGCACTGCAGGCGGTGCCCAAGGCCTCATCATGTGTTCAACATGCTGAAG
AAGTACGTCCGTGCGGAGCAGAAAGACAGACAGCACACCTAAAGCATTTTGAACATGTGCGCATGGTGG
ACCCCAAGAAAGCTGCTCAGATCCGGTCCCAGGTTATGACACACCTCCGTGTGATCTACGAGCGCATGAA
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CTTCAGAAGGAGCAGAACTACTCCGACGATGCTTGGCCAACATGATCAGTGAGCCAGAATCAGCTACG
GAAACGACGCTCTCATGCCTTCGCTGACGGAACCAAGACCACCGTGGAGCTCCTCCCGTGAATGGGGA
ATTCAGCCTGGATGACCTCCAGCCGTGGCACCTTTTGGGGTGGACTCTGTGCCAGCCAATACCGAAAAT
GAAGTCGAGCCTGTTGACGCCCCCCCCGCTGCTGACCGAGGACTGACCACTCGACCAGGTTCTGGGCTGA
CAAACATCAAGACGGAAGAGATCTCGGAAGTGAAGATGGATGCAGAAATTCGGACATGATTCAGGATTTGA
AGTCCGCCATCAAAAAGTGGTGTCTTTGCTGAAGATGTGGGTTGGAACAAAGGCGCCATCATCGGACTC
ATGGTGGGCGCGTGTGATAGCAACCGTGATTGTATCACCTGGTGATGTTGAAGAAGAAACAGTACA
CATCCATCCATCATGGCGTGGTGGAGGTCGACGCCCGCTGACCCAGAGGAGCGCCATCTCTCAAGAT
GCAGCAGAACGGATATGAGAATCCAACCTACAAGTTCTTTGAGCAATGCAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210090 protein sequence Red=Cloning site Green=Tags(s) MLPSLALLLLAAWTVRALEVPTDGNAGLLAEPQIAMFCGKLNMHMNVQNGKWESDPSTGKTCIGTKEGIL QYCQEVPELQITNVVEANQPVTIQNWCKRGRKQCKTHTHIVIPYRCLVGEFVSDALLVPDKCKFLHQR MDVCETHLHWHTVAKETCSEKSTNLHDYGMLLPCGIDKFRGVEFVCCPLAEESDSVDSADAEEDSDVWW GGADTDYADGGEDKVVEVAEEEEVADVEEEEADDEDEDGDEVEEEEAEPEYEEATERTTSTATTTTTTT ESVEEVVRVPTTAASTPDAVDKYLETPGDENEHAFQKAKERLEAKHRERMSQVMREWEEAERQAKNLPK ADKKAVIQHFQEKVESLEQEAANERQQLVETHMARVEAMLNDRRLALENYITALQAVPPRPHHVFNMLK KYVRAEQKDRQHTLKHFEHVRMVDPKKAAQIRSQVMTHLRVIYERMNQSLSLLYNVPAAVEEIQDEVDEL LQKEQNYSDDLANMISEPRISYGNDALMPSLTETKTTVELLPVNGEFLDDLQWHPFGVDSVPANTEN EVEPVDARPAADRGLTTRPGSGLTNIKTEEISEVKMDAEFGHDSGFVVRHQKLVFFAEDVGSNKGAIIGL MVGGVVIATVIVITLVMKKKQYTSIIHGVVEVDAAVTPEERHLSKMQQNGYENPTYKFFEQMQN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_007471
ORF Size:	2085 bp
Buffer:	PBS with 0.001% Pluronic F1188
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_007471.2</u>
RefSeq Size:	3152 bp
RefSeq ORF:	2088 bp
Locus ID:	11820
Cytogenetics:	16 46.92 cM
MW:	78.4 kDa