

Product datasheet for **MR220907A1V**

Mouse Ampd1 (NM_001033303) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ampd1 (NM_001033303) AAV Particle
Tag:	Myc-DDK
Symbol:	Ampd1
Synonyms:	AI553520; Ampd-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR220907 representing NM_001033303
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTCTATTCAAACAACTAACAGGTCAAGGAAAACAAATTGATGATGCAATGCGTAGCTTTGCTGAAAAAG
 TGTTTGCTCTGAAGTCAAAGATGAGGGAGGTCGGCACGAGATCTCCCCCTTCGACGTGGATGAGATCTG
 CCCAATTTCCCTTCATGAGATGCAGGCCACATATTCCACATGGAGAACCTGTCCATGGATGGCAGGAGA
 AAAAGGCGTTTCCAAGGACGGAAGACTGTTAATTTGTCCATTCCACAAAGTGAACATCTTCTACCAAAC
 TGTCCACATCGAAGAATTTATTTCTTCATCCCCAACCTACGAGAGTGTGCCTGACTTCCAGAGGGTGCA
 GATCACTGGAGACTATGCCTCGGGGTAACCGTTGAAGACTTTGAGGTGGTTTGTAAAGGTCTCTATCGG
 GCATTGTGTATACGAGAGAAATACATGCAGAAGTCATTCCAGAGGTTCCCAAGACCCCTCCAAGTACT
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 GGTGTGATTTACATCTACCCTGATGAAGCGGCAGCCAACAGAGATGAGCCCAAGCCCTACCCCTACCCAA
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 GAGCCTCGCTTATCCATCTACGGTCGCAGTCCAGATGAGTGGAACAACTCTCCTCTTGTTTGTCTGCA
 ATCGCATCTATTGCCCAACATGACGTGGATGATCCAGGTCCCAGGATCTATGATGTGTTCCGATCCAA
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 CCCCAGCTCACCCAGACCTCAGTGTCTTCTCAAGCACATCACTGGCTTTGACAGTGTGGATGATGAAT
 CCAAACACAGTGGTCACATGTTTTCTCCAAGAGTCCCAACCCGAGGAGTGGAATGGAAAACAACCC
 GTCTTATACTTACTATGCCTACTACATGTATGCAAACATCACGGTGCTCAACAGCCTGAGAAAGGAACGA
 GGCATGAATACATTTCTGTTTCTGCTCCCACTGTGGGAGGCTGGGGCTCTCACTCACCTCATGACAGCCT
 TCATGATAGCAGACAATTTTCTCATGGACTGAATTTAAGAAGAGTCCTGTGCTACAGTACTTGTTTTT
 CCTAGCCCAGATTCCCATCGCCATGTCACCGCTGAGTAACAACAGTCTGTTCTCGAATATGCAAGAAT
 CCTTTCTTAGATTTCTCCAGAAAGGCCTGATGATCTCACTGTGACCGATGACCCGATGCAGTTCCTACT
 TCACCAAGGAGCCCTGATGGAAGAATACGCCATCGCTGCGCAAGTCTTCAAGCTGAGCAGGTGTGACAT
 GTGTGAGGTGGCAAGGAACAGTGTCTGCAGTGTGGGATTTCTCATGAGGAAAAAGCAAAGTTTCTGGGC
 AACAAATTACCTTGAGGAAGGCCCTGTTGGAAATGACATCCGGAGGACAAATGTCGCTCAGATTCGCATGG
 CCTATCGTTATGAACTTGGTGTATGAACTCAATTTAATTGCTGAGGGTCTTAAAGCAACAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR220907 representing NM_001033303 Red=Cloning site Green=Tags(s) MPLFKLTGQKGKIDAMRSFAEKVFASEVKDEGGRHEISPFVDVEICPISLHEMQAHIFHMENLSMDGRR KRRFQGRKTVNLSIPQSETSSTKLSHIEEFISSPTYESVPDFQRVQITGDYASGVTVEDFEVCKGLYR ALCIREKYMQKSFQRFPKTPSKYLRNIDGEALVGNESFYVPFTPPPCKGEDPFRTEDELPANLGYHLKMK GVIIYIPDEAAANRDEPKYPYPNLDDFLDDMNFLALIAQGPVKTYAHRRLKFLSSKFQVHQMLNEMDE LKELKNNPHRDFYNCRKVDTHIAAACMNQKHLLRFIKKSYHIDADRVVYSTKEKSLTLKELFAKLNHP YDLTVDSLVDHAGRQTFQRFDFNDKYNPVGASELRDLYLKTDNYINGEYFATIIKEVGADLVEAKYQHA EPRLSIYGRSPDEWNKLSSWFVCNRIYCPNMTWMIQVPRIYDVFRSKNFLPHFGKMLENIFLPVFEATIN PQAHPLSVFLKHITGFDSVDDSKHSGHMFSSKSPKEEWTMENNPSTYYAYMYANITVLNSLRKER GMNTFLFRPHCGEAGALTHLMTAFMIADNISHGLNLKSPVLQYLFFLAQIPIAMSPLSNNSLFLEYAKN PFLDFLQKGLMISLSTDDPMQFHFTKEPLMEEYAIAAQVFKLSTCDMCEVARNVLCQGISHEEKAKFLG NNYLEEGPVGNDIRRTNVAQIRMAYRYETWCYELNLIAEGLKATE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001033303
ORF Size:	2235 bp
Buffer:	PBS with 0.001% Pluronic F3170
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_001033303.2, NP_001028475.2</u>
RefSeq Size:	2342 bp
RefSeq ORF:	2238 bp
Locus ID:	229665
UniProt ID:	<u>Q3V1D3</u>
Cytogenetics:	3 45.25 cM
MW:	86.6 kDa