

Product datasheet for **MR210030A1V**

Mouse Masp2 (NM_001003893) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Masp2 (NM_001003893) AAV Particle
Tag:	Myc-DDK
Symbol:	Masp2
Synonyms:	MAp19; MASP-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210030 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGCTACTCATCTTCTGGGTCTGCTGTGGAGTTTGGTGGCCACACTTCTGGGTTCAAAGTGGCCTG
 AACCTGTATTCGGGCGCCTGGTGTCCCCTGGCTTCCCAGAGAAGTATGCTGACCATCAAGATCGATCCTG
 GACACTGACTGCACCCCTGGCTACCGCTGCGCTCTACTTCACCCACTTTGACCTGGAACCTCTTTAC
 CGCTGCGAGTATGACTTTGTCAAGTTGAGCTCAGGGACCAAGGTGCTGGCCACACTGTGTGGCAGGAGA
 GTACAGACACTGAGCAGGCACCTGGCAATGACACCTTCTACTCACTGGGTCCCAGCCTAAAGGTACCTT
 CCACTCCGACTACTCCAATGAGAAGCCGTTACAGGGTTTGGGCCTTCTATGCAGCGGAGGATGTGGAT
 GAATGCAGAGTGTCTCTGGGAGACTCAGTCCCTGTGACCATTATTGCCACAACACTTTGGGCGGCTACT
 ATTGCTCTGCAGAGCGGGCTACGTTTCCACCAGAACAAGCACACGTGCTCAGCCCTTTGTTTCAGGCCA
 GGTGTTACAGGAAGATCTGGGTATCTCAGTAGCCCTGAGTACCCACAGCCATACCCCAAGCTCTCCAGC
 TGCACCTACAGCATCCGCTGGAGGACGGCTTCAAGTGTATCCTGGACTTCGTGGAGTCCTCGATGTGG
 AGACGCACCTGAAGCCAGTGCCCTATGACTCCCTCAAGATTCAAACAGACAAGGGGGAACACGGCCC
 ATTTTGTGGGAAGACGCTGCCTCCCAGGATTGAACTGACAGCCACAAGGTGACCATCACCTTTGCCACT
 GACGAGTCGGGAACACACAGGCTGGAAGATACACTACACAAGCACAGCACGGCCCTGCCCTGATCCAA
 CGGCGCCACCTAATGGCAGCATTTACCTGTGCAAGCCATATATGTCTGAAGGACAGGTTTTCTGTCTT
 CTGCAAGACAGGCTTCGAGCTTCTGCAAGGTTCTGTCCCCTGAAATCATTCACTGCTGTCTGTGAGAAA
 GATGGATCTTGGGACCGCGCATGCCAGAGTGCAGCATTATTGATTGTGGCCCTCTGATGACCTACCCA
 ATGGCCATGTGGACTATATCACAGGCCCTGAAGTGACTACCTACAAAGCTGTGATTCACTACAGCTGTGA
 AGAGACTTTCTACACAATGAGCAGCAATGGTAAATATGTGTGTGAGGCTGATGGATTCTGGACGAGCTCC
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 TAGTTGGAGGGCAGCCTGCAAAGCCTGGTGACTTTCCTTGGCAAGTCTTGTTGCTGGGTCAAACCTACAGC
 AGCAGCAGGTGCACTTATACATGACAATTGGGTCCTAACAGCCGCTCATGCTGTATAGAGAAAAGAAATG
 GCAGCGTCCCTCCCTGAACATCCGAATGGGCATCCTCAAAGGCTCTCACCTATTACACTCAAGCCTGGC
 CCGAGGAAATCTTTATACATGAAGGCTACACTCAGGTGCTGGTTTTGACAATGATATAGCATTGATTAA
 ACTCAAGAACAAAGTACAATCAACGGAAGCATCATGCCTGTTTGCCTACCGCGAAAAGAAGCTGCATCC
 TTAATGAGAACAGACTTCACTGGAAGTGTGGCTGGCTGGGGTTAACCAGAGAGGGGCTTCTGTAGAA
 ACCTAATGTTTGTGGACATACCAATTGCTGACCACCAAAAATGTACCGCCGTGTATGAAAAGCTCTATCC
 AGGAGTAAGAGTAAGCGCTAACATGCTCTGTGCTGGCTTAGAGACTGGTGGCAAGGACAGCTGCAGAGGT
 GACAGTGGGGGGCATTAGTGTTTCTAGATAATGAGACACAGCGATGGTTTGTGGGAGGAATAGTTTCCT
 GGGGTTCCATTAATTGTGGGCGGCAGACCAAGTATGGGGTCTACACAAAAGTCATCAACTATATCCCTG
 GATTGAGAACATAATAAGTAATTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210030 protein sequence Red=Cloning site Green=Tags(s) MRLLI FLGLLSLVATLLGSKWPEPVFGRLVSPGFPEKYADHQDRSWTLTAPPGYRLRLYFTHFDLELSY RCEYDFVKLSSGTKVLATLCGQESTDTEQAPGNDTFYSLGPSLKVTFFHSDYSNEKPFTGFEAFYAAEDVD ECRVSLGDSVPCDHYCHNYLGGYYCSCRAGYVLHQNKHTCSALCSGQVFTGRSGYLSPEYPQYPKLSS CTYSIRLEDGFSVILDFVESFDVETHPEAQCPYDSLKIQTDKGEHGPFCGKTLPPRIETDSHKVTITFAT DESGNHTGWKIHYTSTARPCPDPTAPPNGSISPVQAIYVLKDRFSVFCKTGFE LLQGSVPLKSFTAVCQK DGSWDRPMPECSIIDCGPPDDL PNGHVDYITGPEVTTYKAVIQYSCEETFYTMSSNGKYVCEADGFWTSS KGEKLPVCEPVCGLSTHTIGGRIVGGQPAKPGDFPWQVLLLGQTAAAGAL IHDNWVLTAAHAYYEKRM AASSLNIRMGILKRLSPHYTQAWPEEIFIHEGYTHGAGFDNDIALIKLKNKVTINGSIMPVCLPRKEAAS LMRTDFTGTVAGWGLTQKGLLARNLMFVDIPIADHQBCTAVYEKLYPGVRVSANMLCAGLETGGKDSCRG DSGGALVFLDNETQRWFVGGIVSWG SINCGAADQYGVYTKVINIYIPWIENIISNF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001003893
ORF Size:	2055 bp
Buffer:	PBS with 0.001% Pluronic F1128
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_001003893.2, NP_001003893.1</u>
RefSeq Size:	3061 bp
RefSeq ORF:	2058 bp
Locus ID:	17175
UniProt ID:	<u>Q91WP0</u>
Cytogenetics:	4 E2
MW:	75.5 kDa