

Product datasheet for **MR209054A1V**

Mouse Msn (NM_010833) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Msn (NM_010833) AAV Particle
Tag:	Myc-DDK
Symbol:	Msn
Synonyms:	C78546
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR209054 representing NM_010833
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCCGAAGACGATCAGTGTGCGTGTCAACCACCATGGATGCAGAGCTGGAGTTTGCCATTAGCCCAACA
 CCACTGGCAAGCAGCTGTTTGACCAGGTGGTGAAGAACTATTGGTTTGAGGGAAGTTGGTTCTTTGGTCT
 GCAGTACCAGGACACAAAAGCTTCTCTACTTGCTGAACTCAATAAGAAGGTGACTGCACAGGATGTG
 CGGAAGGAAAGTCCATTGCTCTTCAAGTTCGGGCCAAGTTCTACCCAGAGGATGTATCTGAAGAACTGA
 TCCAGGATATCAACCCAGCGCTGTTCTTCTGCAAGTGAAGGAGGGCATTCTCAATGACGACATTTACTG
 TCCACCTGAAACTGCGGTCTGTTGGCTCTTATGCCGTCCAGTCTAAGTATGGTGACTTCAATAAGGAA
 GTGCACAAGTCTGGCTACCTGGCTGGAGATAAGTTGCTCCCCAAAGAGTCTTGAGCAGCACAACTCA
 ACAAGGACCAGTGGGAAGAGAGGATCCAGGTGTGGCATGAGGAGCACCGGGGCATGCTCAGGAGGATGC
 TGTCTGGAATATCTCAAGATTGCTCAAGACCTGGAATGTATGGTGTGAATATTTAGCATCAAGAAC
 AAGAAAGGCTCAGAGCTATGGCTGGGCGTGGATGCCTTGGGTCTCAACATCTATGAGCAGAAATGACAGAC
 TGACTCCTAAGATTGGCTTCCCGTGGAGTGAATCAGGAATATCTCTTCAATGATAAGAAATTTGTCAT
 CAAGCCCATTTGACAAAAGGCCCGGACTTTGTGTTCTATGCTCCCCGGCTTCGGATTAAACAAGCGGATC
 TTGGCCCTGTGCATGGGAAATCATGAGCTGTACATGCGTCGGCGCAAGCTGACACCATTTAGGTGCAGC
 AGATGAAGGCCAGGCTCGGGAAGAGAAGCACCAGAAGCAGATGGAGCGTGCTCTCTGGAAAATGAGAA
 GAAGAAGCGTGAGCTGGCTGAGAAAGAGAAGGAGAAGATTGAGCGGGAAGGAAGAGCTGATGGAGAAG
 CTGAAGCAGATTGAGGAGCAGACTAAGAAGGCTCAGCAAGAGCTGGAAGAGCAGACCCGAGGGCCCTAG
 AACTTGAGCAGGAACGGAAGCGTGCCAGAGTGAGGCCGAAAAGCTAGCCAAGGAGCGTCAAGAACTGA
 AGAAGCCAAAGAGGCCCTGCTGCAGGCTTCTCGGGACCAGAAGAAGACCCAGGAACAGCTGGCTTCAGAA
 ATGGCAGAGCTGACGGCACGGATCTCCAGTTGGAATGGCTCGAAAGAAGAAGGAAAGTGAAGGTGTGG
 AATGGCAGCAAAAGGCCAGATGGTACAGGAAGACTTGGAGAAGACTCGTGCTGAGCTGAAGACTGCCAT
 GAGTACACCTCATGTGGCAGAGCTGCTGAGAATGAACATGATGAGCAGGATGAGAATGGAGCAGAGGCC
 AGTGCCGAGCTGCGGGCTGATGCTATGGCCAAGGACCGCAGTGAGGAGGAACGTACCACTGAGGCAGAGA
 AGAATGAGCGTGTGCAGAAGCATCTGAAGGCCCTTACTTCAGAGCTGGCCAATGCCCGAGATGAGTCCAA
 GAAGACTGCCAATGACATGATCCATGCTGAGAATGCGACTGGGACGAGACAAATACAAGACCTGCGC
 CAGATCCGGCAGGGCAACACCAACAACGCATTGATGAGTTTGAAGTCCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPKTISVRVTMDAELEFAIQPNTTGKQLFDQVVKITIGLREVWFFGLQYQDTKAFSTWLKLNKKVTAQDV
 RKESPLLFKFRKFYPEDVSEELIQDITQRLFFLQVKEGILNDDIYCPPETAVLLASYAVQSKYGDFNKE
 VHKSGLYAGDKLLPQVRLEQHKLNKDQWEERIQVWHEEHRGMLREDAVLEYLKIADLEMYGVNYFSIKN
 KKGSELWLGVDALGLNIYEQNDRLTPKIGFPWSEIRNISFNDKKFVIKPIDKKAPDFVFYAPRLRINKRI
 LALCMGNHEL YMRRRKPDITIEVQMQKAQAREEKHQKQMERALLENEKKKRELAKEKEKIEREKEELMEK
 LKQIEEQTKKAQQELEEQTRRALELEQERKRAQSEAEKLAKERQEAEEAKEALLQASRDQKKTQEQLASE
 MAELTARISQLEMARKKKESEAVEWQQKAQMVQEDLEKTRAEKLTAMSTPHVAEPAENHDEQDENGAEA
 SAELRADAMAKDRSEEERTTEAEKNERVQKHLKALTSELANARDESKKTANDMIHAENMRLGRDKYKTLR
 QIRQGNTKQRIDEFESM

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:	NM_010833
ORF Size:	1731 bp
Buffer:	PBS with 0.001% Pluronic F175
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_010833.2</u> , <u>NP_034963.2</u>
RefSeq Size:	3840 bp
RefSeq ORF:	1734 bp
Locus ID:	17698
UniProt ID:	<u>P26041</u>
Cytogenetics:	X C3
MW:	68.2 kDa