

Product datasheet for **MR210033A1V**

Mouse MsiInl (NM_177822) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse MsiInl (NM_177822) AAV Particle
Tag:	Myc-DDK
Symbol:	MsiInl
Synonyms:	4732467B22
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210033 representing NM_177822
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCAGAACTCTCCGACCGTCAGCTATGGGTTCCAGAGTGGGTGCCCTGGCAAGTCTGGTCTCGCCC
 TCCTCCTGTCCCTCACCGCCCACTGCTCGGGTCTCAGGCTAAAGGCTTGCCCAAGGGAGGACTGAATGC
 AAGTGAAGCACAACATGGGTACAGGAACAACACCTCCCTCTGCAAACTTCTGGTGCTTGCCAGCCAGC
 CAGCTGCCCGGAGAACAGCTCTCCAGTTTAATCAGAAGCCTGGCTTACAGAGGGTTGCACTCAAAGCCT
 GGCAGCTCAGCTGCTTGCCAACTCGCTGCACAGCTGGGTCTCCAGGATGACTTCAATTCCACCCACC
 CAACCTTCTACTTTCTACGATCTGAGCCAGGTGGGGGACACTAACTGCCGGGCCTTCATTACCATGCT
 GCCCAAGGGGACACAGAACTGCTCACCAACTTGCCCAACCAGAGAGTTGCCCTGCAGCGCACAGCCTTGG
 CCTGTCTGGGCGGACCCACCTACAGCTCAGTGCTTACAGCTGTGGCTTCTTGGGGTCTGGTGTGTGA
 CATGGAGGCAGACAAATTGTGACTGCAGACCCAGTGTGCTGAGGAACCTGCTTCGCTGCCAAGGCTT
 ACTGTCTATGCAGACTGCGGCCCTTAACACCCTGCTGGCCAGTGGGAAGACGCAAAATCGGGCCTCTGGCT
 CCTGGAACCTGCAGGGGCTACAGGCCCTCGGACTTCTGGCCACTTACATCAGCCCCACCTGTGGGAGAA
 GGTGCAGGAGGCTGTGGGCTTGACTTCTTCCGAGTGTGGTGGCTGCTTGCCGGGCAGGCCAACTGAGC
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 GGTGCACTATGACTGCACCCAGTGGAACTCCTGCTAGGCACACGCGTGTCTCAGGGCCAACTGGACCCC
 TTGCTCCAACACCCGCTGCCTGCAGAGTGCCAGCGCTTGTCAAAGCCAAGCTTACTCAGATTTACCCAC
 ATGGCATCCCTGAGGACAGCTGCACCTCATCCCTCGCTGGTCTACCTCTACTCCCTCGCTGAAATAGG
 CCAGTGGAACATCACATCCGGGGACACAGTGATGATCCTGCTGGCCTCAGATGCGGCTCTGGACAACAG
 ACGGAGGCAGTTCTACAGAGTTCTTGACCACAATGGCAAGGTCACTGGAGCTTCTTGGTGGCCATCG
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 CGGAGCTCCAGACATCTCTCCCTGCCCCAGAGTCGGAAGGATGCGCTCTTTGTCAAGGCTCATGAGGTC
 TTTAGGAACACCAGTAATGTGGGAGAATATTACTACTTAATCCGCCCTACCTCGGTGGTGGCCCTTTGG
 AGGAACCTCAATACCTGGCACAGGCCAACATCTCCATGGACATTGACACGTTACCAACCTCAACCCCT
 GACACTGAAGAGCATGGGAGTGGACAGTGTGAGGAATCTGCTGGGCCAGAACCTGGGAGATCTGCGGAAG
 GCCCGCAACCACCAAATGTCATCCTGTGGATGCACAGCCACAACATGACAGACCTGTCTGATATGGGCC
 TATACACCAGCCCAACAGGCCTATGTGGCCAACAGGCCCAACACTGCCTACCCACCATCCAGTTT
 GATCCACTCCTTGGATCCGCCAGGCAATGATGGGGTTCCACACCTCAGGAAGTCTCCAGTTCATCTG
 GGTACCTGTCACTCGCTGTGGCTCTGCCTTCCAGCCTTCTGTGGCTGCTACTGTGTGAGTTACCTTCGG
 GACAAATGGCCACTGCTCACAGGACACTAGGGCAATGGCACTGGCCAGGGCAGTTGGACCCCTGAACA
 TCAGATTCCAGAGAAACGGAGCTGC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210033 representing NM_177822 Red=Cloning site Green=Tags(s) MSRTLSPSAMGSRVGLASPLALLLSLTAHCSGPQAKGLPKGGLNASEANTWVRNNTSLLQNFWCLPAS QLPREQLSSLIRSLASQRVALKAWQLSCLANLAAQLGLQDDFEFHPPNLLLFDLSQVGDTCRAFIHHA AQGDTELLTNLPNQRVALQRTALACLGPHLQLSASDLWLLGVLVCDMEAAQIVTADPSVLRNLLRCPRL TVMQTAALNTLLASGKTQIGPPGSWNLQGLQALGLLATYISPHLWEKVQEAVGLDFFRSVVAACRAGQLS RHDARRFVDNFLESKATSVSSRPKRRTGRSCVRGNITAAHLHDDLFLVHYDCTQLESCLGTRVLRANLDP LLQHPLPAECQRVVKAKLTQIYPHGIPEDQLHLIPSLVYLYSLAEIGQWNITSGDTVMILLASDAALDNQ TEAVLQRFLDHNGKVTGALLVAIGGSRLCWMSLKQLQFIQPSFRLAGAPDISPCPQSRKDALFVKAHEV FRNTSNVGEYYYLIRPYLGGAPLEELQYLAQANISMDIDTFTNLNPLTLKSMGVDSVRNLLGQNLGDLRK ARNHPNVILWMHSHNMTDLSDMGLYTSPTQAYVANRPPNTAYPPSSLIHSLDPPGNDGVSHSGSPPVHL GYLSLAVALPSSLLWLLLCQLPSGQMATAHRTLGPMLAQGSWTPEHQIPEKRSC SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_177822
ORF Size:	2055 bp
Buffer:	PBS with 0.001% Pluronic F1131
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_177822.3, NP_808490.1</u>
RefSeq Size:	2628 bp
RefSeq ORF:	2058 bp
Locus ID:	328783
UniProt ID:	<u>Q8C160</u>
Cytogenetics:	17 A3.3
MW:	74.7 kDa