

Product datasheet for **MR219563A1V**

Mouse Mamstr (NM_172418) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mamstr (NM_172418) AAV Particle
Tag:	Myc-DDK
Symbol:	Mamstr
Synonyms:	2810022D01Rik; 5430432N15Rik; AW743872; Mastr
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR219563 representing NM_172418 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACCCTGGCAGCCTCCTCCCAGCGCTCCCAATCATCCGTTCCAAGTTCGGCTCTGTCTGCAGCTTC
GGATCCACAGACGGAATCAAGACTGCACCTCTGATTGAGATCCATGGATCTCAGCCTCAGGCCAGCTCT
GGCTCCAGCTTTGCCACTGTTCTGCTCTTTCTTGTGTCAGCCCTGGCGTCTTGTCCCTGAGCCAGCA
TATTGTCTTGGAGGGCTCCAAAGAAGGAATCTCCCAAGAACTCCCAACATTGGAAGGAGCCTAAGGTCA
GGGGAACTTGACATATCACCTGTACATGCCTCCAGAACAGAGACAAGGGCCAGGGCAAATCTGCAAGT
TGAGAGGTCAACCCTGGGTCCCCCGGACCCACCTCTTTGGGAAAAGAATTACAGAGACCACATCTCTCGG
ATGAAGCCTTCTCAGCAGGAGTCTCCAGTCCCTCGCCCCCTTACACAAGCTGGAACCTCAGACCCTTA
AACTGGAAGAGCTGACGGTCTCAGAGCTTAGGCAGCAGCTGCGCTGCGGGGACTCCCGGTGTCCGGGAC
CAAAGCGATGCTCCTGGAGCGCATGCGTGGTGGCACCCCGCCAGAGAACGGCCGAAGCCAGGCGAGAG
GACAAAGAGGCCGCTGCTCCCTGGCCCCGCTCAAGCCCAAGGCGCTGGGAACTACTCGGCTACCCAGCA
CGGTGAAGGCAAGCGCGACAAATCGTAGGCTGAAGTTTCTGGAGCTACGGATCCCTGGGAGCAGCTCC
CGTCCGGCTTCTGTTCTGCTCCCACTCCCTCTCCAGCTTTGGCTCCGACTCCGACTCCAGCTCCAGTT
CCAGCTCCAGCTCCAGTCTTTCCCGACACTCCAGTACGCTGACTCTGGAGGAGGAGCTGCAGGAAG
CGATCCGTAGGGCGCAGCTGCTTCCAAACCGCAACATCGATGACATCCTGGAAGACCAAGTGGAGCCAGA
TGACCTGCTGCCTCCCGTGCCCTTGGAATTCCCTGGCTCATTTGACCTGCTGTCTCCCTCCCCGACTCG
GAAGGCTTCTCTCCGTCTTCTTCTTCTCACTACCGTCCCCCACAAGCTCCCTGTCCCCTTCTCCAAGGG
CCCTCACTGATTCTTGGACTGGCTGGAGGCCCTTGAAGGGGTCCACCACTGGGCTCTGGGCTCCCGG
CCCCAGCATCTTCTGCGGACCTATCTGATCCAGTGGCAGTCTGCTCTGGAACTGCTGCCAGATCCT
TGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR219563 representing NM_172418 Red=Cloning site Green=Tags(s) MTLAASSQRSQIIRSKFRSVLQLRIHRRNQDCTSDSDPWISASGPALAPALPTVPASFLVSPGVLSPEPA YCPWRAPKKESPKNSQHWKEPKVRGNLTYHL YMPPEQRQGPRANLQVERSTLGPPDPPLWEKNSQRPHPR MKPSSAGVSSPSPPSHKLELQTLKLEELTVSELRQQLRLRGLPVSGTKAMLLERMGGTTPPRERPKPRRE DKEAAAPWPRLPKALGTTRLPSTVKASATNRRKFSGATDPLGAAPAPASVPAPTSPALAPTPTPAPV PAPAPAPFPTPPASLTLEEELQEAIIRAQLLPNRNIDDILEDQVEPDDLPPVPLDFPGSFDLLSPSPDS EGFSSVFSSSLPSPTSSLSPPRALTDSLWLEALSGGPPLGSGPPGPSIFSADLSDPSGSLWELLDPDP W TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_172418
ORF Size:	1263 bp
Buffer:	PBS with 0.001% Pluronic F68
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_172418.2, NP_766006.2</u>
RefSeq Size:	2179 bp
RefSeq ORF:	1266 bp
Locus ID:	74490
UniProt ID:	<u>Q0ZC17</u>
Cytogenetics:	7 B3
MW:	45.4 kDa