

Product datasheet for **MR229333A1V**

Mouse Mgm1 (NM_001289630) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Mgm1
Synonyms:	8430406I07Rik; AI426476
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR229333 representing NM_001289630
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAACTGCCTCTGACCTTCTGCAGGCTGCTTAGCAGGTTAAACAGATTTTCTGTAAAGCAAGCCCTC
CTGTGAGTTTCTCCACTTCTCTTATTTGTGTAGCCAGAAGAAGAAAACTTTACGAAGCAGTAGACCA
AGCGAAGTACTCTCGTTTAGTACGCTCTGTCTTGTCCAGAGGCCCGGCCAGACTCCAGAGTCGTTGTTT
AAGGAAGATGATGTACTGTATGGACCAAGTGAAGCATAAGGCTGCAGAGCCGGAGCCACAGGCCAGAG
TCCACAACACTGCTTTCCTATCTTCAATGAAGAGAGAACCGGAAACACACAGATGCTTCTTCAAG
CCCTTTGAAGATCCCTTTGCAAAGGAACTCGATACCCAGTGTGACCCGCATCCTTCAGCAGACCATGCCA
CCTGAACAGAGCTTCTTTTGGAGAGGTGGAAAGAGCGGATGGTTCTGGAGCTGGGAGAAGACGGGTTTG
CAGAAATACTTCAAATGTGTTTTACAAGGCAACAGTTCATAAAGCCTTGAAAGCATACTGTCACC
CCAGGAGAACCTAACAGGGGGAAGAGCACCCCAAGTGTGGCTACATCGAAAGCATCCAGCATATTCTG
ACAGAAATCAGTGGTGTCAAGCTCTGGAGAGTGCCGTCCAGCATGAGGCCTTGAAGTATGTAGGCTGC
TGGACTGTGTGGCTGAGTACCGGGCAAGCTGTGTGTATTGATTGGAAGACATCAGAAAAACAAAACC
TTAATTGAAATACATATGACAACCCGCTGCAAGTTGTGGCTACATGGGTGCCGTAACCATGATGCC
CACTACAGTTTTCAGGTTCAAGTGTGGATTAATTGTGGTGGCCTATAAGGATGGGTCCCCTGCGCACCCCTC
ACTTCATGGATGAAGAGCTCTGTTCCAAGTATTGGCCAAGTGGCTTCTCCGACTAGAAGAAATATACAGA
AAAGCAAAAGAACCTGAGCGCTCCAGAGCCAGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR229333 representing NM_001289630 Red=Cloning site Green=Tags(s) MKLPLTFCRLLSRLNRFVSKASPPVSFSTFSYLCQKKNSYEAVDQAKYSRLVRSVLSRGPAQTPESLF KEDDVLYGPVSKHKAAEPEPQARVPQHCFPIFNEERTGKPHTDASSPLKIPLQRNSIPSVTRILQQTMP PEQSFFLERWKERMVLELGEDGFAEYTSNVFLQKGQFHKALESILSPQENLTGGEEHPQCGYIESIQHIL TEISGVQALESQHEALKYVGLLDCVAEYRGKLCVIDWKTSEKPKPLIRNTYDNPLQVVAYMGAVNHDA HYSFQVQCGLIVVAYKDGSPAHPHFMDDEELCSKYWAKWLLRLEEYTEKQKNLSAPEPA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001289630
ORF Size:	1014 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_001289630.1, NP_001276559.1</u>
RefSeq Size:	3107 bp
RefSeq ORF:	1017 bp
Locus ID:	74528
UniProt ID:	<u>Q9CXC3</u>
Cytogenetics:	2 G1
MW:	38.4 kDa