

## Product datasheet for **MR204234A1V**

### Mouse MgII (NM\_011844) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse MgII (NM_011844) AAV Particle
Tag:	Myc-DDK
Symbol:	MgII
Synonyms:	AA589436; Ma; MagI; Mgl
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR204234 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCCTGAGGCAAGTTCACCCAGGCGAACTCCACAGAATGTTCCCTACCAGGACCTGCCTCACCTGGTCA  
ATGCAGACGGACAGTACCTCTTTTGTAGATACTGGAAGCCAGTGGCACACCCAAGGCCCTCATCTTTGT  
GTCCCATGGAGCTGGGGAACACTGTGGCCGTTATGATGAGCTGGCTCATATGTTGAAGGGGCTGGACATG  
CTGGTATTTGCCATGACCATGTTGGCCATGGCAGAGTGAGGGAGAGAGGATGGTGGTGTCCGACTTCC  
AAGTTTTTGTGAGAGATGTGCTGCAACACGTGGACACCATCCAGAAGGACTACCCGACGTCCCCATCTT  
CCTCCTGGGCCACTCCATGGGCGGTGCCATCTCCATCCTAGTGGCTGCAGAGAGGCCAACCTACTTTTCT  
GGCATGGTCTGATTTACCTCTGGTCTTGC CAATCCGGAATCTGCATCGACTTTGAAGGTCTTGCTG  
CCAAACTGCTCAATTTTGTCTGCCAAATATGACCTTGGGGCGCATTGACTCCAGCGTGTCTCGGAA  
CAAGTCGGAGGTTGACCTGTACAACCTGACCCACTCGTCTGCCGAGCAGGGCTGAAGGTGTGCTTTGGC  
ATACAGCTGTGAATGCCGTGCAAGAGTGGAGCGAGCAATGCCAGGCTGACTGCCATTCTGCTGC  
TGCAGGGTTCTGCTGACCGCTTTGCGACAGCAAAGGTGCCTACCTGCTCATGGAATCATCCGGAGTCA  
GGACAAAACACTCAAGATGTATGAAGGTGCCTATCACGTCTCCACAGGGAGCTCCGGAAGTGACCAAC  
TCCGCTCTCCATGAAGTAACTCGTGGGTGTCTCACAGGATAGCAGCAGCAGGAGCTGGGTGTCCACCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>MR204234 protein sequence Red=Cloning site Green=Tags(s)  MPEASSPRRTPQNVPYQDLPHLVNADGQYLFCRYWKPSGTPKALIFVSHGAGEHCGRYDELAHMLKGLDM LVFAHDHVGHGQSEGERMVVSDFQVFRDVLQHVDTIQKDYPDVPIFLLGHSMGGATISILVAAERPTYFS GMVLISPLVLANPESASTLKVLAALKLLNFVLPNMTLGRIDSSVLSRNKSEVDLYNSDPLVCRAGLKVCFG IQLLNAVAVRVERAMPRLTLPFLLLQGSADRLCDSKGAYLLMESSRSQDKTLKMYEGAYHVLHRELPEVTN SVLHEVNSWVSHRIAAAGAGCPP  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Mouse
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_011844
<b>ORF Size:</b>	912 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_011844.3</a>
<b>RefSeq Size:</b>	3676 bp
<b>RefSeq ORF:</b>	912 bp
<b>Locus ID:</b>	23945
<b>UniProt ID:</b>	<a href="#">O35678</a>
<b>Cytogenetics:</b>	6 D1
<b>MW:</b>	33.4 kDa