

Product datasheet for **MR203691A1V**

Mouse Atg5 (NM_053069) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Atg5 (NM_053069) AAV Particle
Tag:	Myc-DDK
Symbol:	Atg5
Synonyms:	2010107M05Rik; 3110067M24Rik; Ap; Apg5l; Atg5l; AW319544; C88337; Pad; Paddy
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR203691 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACAGATGACAAAGATGTGCTTCGAGATGTGTGGTTTGGACGAATCCAACCTGCTTTACTCTCTATC
AGGATGAGATAACTGAAAGAGAAGCAGAACCATACTATTTGCTTTGCCAAGAGTCAGCTATTTGACGTT
GGTAAGTACAAAGTGAAAAAGCACTTTCAGAAGGTTATGAGACAAGAAGATGTTAGTGAGATATGGTTT
GAATATGAAGGCACACCCCTGAAATGGCATTATCCAATTGGTTTACTATTTGATCTTCTTGCATCAAGTT
CAGCTCTTCCTTGGAACATCACAGTACATTTCAAGAGTTTTCCAGAAAAGGACCTTCTACACTGTCCATC
CAAGGATGCGGTTGAGGCTCACTTTATGTCGTGTATGAAAGAAGCTGATGCTTTAAAGCATAAAAGTCAA
GTGATCAACGAAATGCAGAAAAAAGACCACAAGCAGCTCTGGATGGGACTGCAGAATGACAGATTTGACC
AGTTTTGGGCCATCAACCGAAACTCATGGAATATCCTCCAGAAGAAAATGGATTTGTTATATCCCTT
TAGAATATATCAGACCACGAGCGGAGCGCCTTTCATCCAGAAGCTGTTCCGGCCTGTGGCCGAGATGGA
CAGCTGCACACACTTGGAGATCTCCTCAGAGAAGTCTGTCCTCCGCAGTCGCCCTGAAGATGGAGAGA
AGAGGAGCCAGGTGATGATTACGGGATAGAGCAATGCTGGAACCCCTCTGCAGTGGCTGAGCGAGCA
TCTGAGCTACCCAGATAACTTTCTTCATATTAGCATTGTCCCCAGCCAACAGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR203691 protein sequence Red=Cloning site Green=Tags(s) MTDDKDVLRDVFGRIPTCFTLYQDEITEREAEPYLLLPVSYLTLVTDKVKKHFQKVMRQEDVSEIWF EYEGTPLKWHYPIGLLFDLLASSALPWNITVHFKSFPEKDLLHCPSKDAVEAHFMSCMKEADALKHKSQ VINEMQKKDHKQLWMGLQNDRFDQFWAINRKLMEYPPEENGFRYIPFRIYQTTTERPFIQKLFPRVAADG QLHTLGDLLREVCPSAVAPEDGEKRSQVMIHGIEPMLETPLQWLSEHLSYPDNFLHISIVPQPTD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_053069
ORF Size:	825 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_053069.5</u>
RefSeq Size:	2352 bp
RefSeq ORF:	828 bp
Locus ID:	11793
UniProt ID:	<u>Q99J83</u>
Cytogenetics:	10 23.24 cM
MW:	32.4 kDa