

Product datasheet for **MR204475A1V**

Mouse Atg3 (NM_026402) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Atg3 (NM_026402) AAV Particle
Tag:	Myc-DDK
Symbol:	Atg3
Synonyms:	2610016C12Rik; APG3; Apg3l; Atg3l; PC3-96
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR204475 representing NM_026402 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCAGAATGTGATCAACACGGTGAAGGGAAAGGCTCTGGAAGTGGCCGAGTACCTGACCCCGGTCCTCA
AGGAATCAAAATTTAAGGAAACGGGTGTAATCACTCCAGAAGAGTTTGTGGCAGCTGGAGATCACTTAGT
CCACCACTGTCCAACATGGCAATGGGCTACAGGGGAAGAATTGAAAGTGAAGGCATATCTTCCGACAGAC
AAACAATTTTGGTAACCAAAAATGTTCCATGCTACAAGCGGTGTAACAGATGGAGTATTCGGATGAAT
TGAAGCTATCATTGAAGAAGATGATGGTGGGGATGGGTAGATACATATCAACACAGGTATTAC
AGGAATTACTGAAGCAGTTAAGGAGATTACACTGGAAAGCAAGGACAGTATAAACTCCAAGATTGCTCA
GCACTGTGTGATGAAGAAGACGAGGAAGATGAAGGGGAAGCTGCAGACATGGAAGAATATGAAGAGAGTG
GATTGTTGAAACAGATGAGGCTACCTAGACACAAGGAAAATAGTGAAGCCTGCAAAGCTAAGGCTGA
CGCTGGAGGTGAAGATGCTATTTTACAAACGAGAACATACGATCTGTACATCACTTACGACAAATATTAC
CAGACACCACGGCTATGGTTGTTGGCTATGATGAGCAACGGCAGCCTTAACAGTTGAGCAGATGTATG
AAGACATCAGTCAAGATCATGTGAAGAAAACAGTGACCATTGAAAACCATCTCATCTCCACCACCTCC
TATGTGTTGAGTTCACCCATGCAGGCATGCTGAAGTGAAGAAAATTATTGAGACAGTTGCAGAAGGC
GGGGGAGAGCTTGGTGTTCATATGTATCTTTAATTTTTTGAATTTGTTCAAGCTGTCATTCCAACA
TAGAATATGACTACACAAGACACTTCACAATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR204475 representing NM_026402 Red=Cloning site Green=Tags(s) MQNVINTVKGKALEVAEYLTPVLKESKFKETGVITPEEFVAAGDHLVHHCPWQWATGEELKVKAYLPTD KQFLVTKNVPCKRCKQMEYSDELEAIIIEEDDGGWVDTYHNTGITGITEAVKEITLESKDSIKLQDCS ALCDEEDEDEGEAADMEEYEEESGLLETDEATLDTRKIVEACKAKADAGGEDAILQTRTYDLYITYDKYY QTPRLWLFQYDEQRQPLTVEHMYEDISQDHVKKTVTIENHPLPPPPMCSVHPCRHAHEVMKKIIETVAEG GGELGVHMYLLIFLKFVQAVIPTIEYDYTRHFTM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_026402
ORF Size:	942 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_026402.1, NP_080678.1</u>
RefSeq Size:	2014 bp
RefSeq ORF:	945 bp
Locus ID:	67841
UniProt ID:	<u>Q9CPX6</u>
Cytogenetics:	16 B5
MW:	36.2 kDa