

Product datasheet for **RC215833A1V**

Human ATG4A (NM_178270) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATG4A (NM_178270) AAV Particle
Tag:	Myc-DDK
Symbol:	ATG4A
Synonyms:	APG4A; AUTL2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC215833 representing NM_178270 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGTCAGTTTTATCCAAGTATGAAGATCAGATTACTATTTTCACTGACTACCTAGAAGAATATCCAG
 ATACAGATGAGCTGGTATGGATCTTAGGGAAGCAGCATCTCCTTAAACAGAAAAATCTAAGCTGTTGTC
 TGATATAAGTGCTCGTCTATGGTTTACATACAGAAGGAAATTTACCAATTGGTGGAACGGGCCCTTCA
 TCAGATGCTGGTTGGGGATGTATGCTACGCTGTGGACAGATGATGCTGGCTCAAGCCCTTATCTGTAGAC
 ACTTGGGAAGGGACTGGAGCTGGGAGAAACAAAAAGAACAACCAAGAAATACCAACGCATCCTACAGTG
 CTTCTTAGATAGAAAAGATTGTTGCTACTCTATCCATCAAATGGCACAATGGGTGTAGGAGAAGGGAAA
 TCAATTGGAGAATGGTTTGGACCAAATACAGTTGCACAGGTGTTAAAAAACTTGCTTTATTTGACGAAT
 GGAATTCCTTGCTGTTTATGTTTCAATGGATAACACAGTGGTCATTGAAGATATCAAAAAATGTGCCG
 TGTCCTTCCCTTGAGTGCTGACACAGCTGGTGACAGGCCTCCCGATTCTTAACTGCTTCAAACAGAGT
 GACGAGCTCATCTTCTTGGACCCTCATACAACCCAGACCTTGTGACACTGAAGAGAATGGAACGGTTA
 ATGACCAGACTTCCATTGCCTGCAGTCCCCACAGCGAATGAACATCCTAAACCTGGATCCTTCAGTTGC
 ATTGGATTTTTCTGCAAGAAGAAAAAGACTTTGATAACTGGTGTAGCCTTGTTCAGAAGGAAATCTA
 AAGGAGAATTTAAGGATGTTTGAATTAGTTCAGAAACATCCATCACACTGGCCTCCCTTTGTACCTCCAG
 CCAAGCCAGAAGTGACAACCACTGGGGCAGAATTCATTGACTCTACTGAGCAACTGGAGGAGTTTGATCT
 GGAGGAAGATTTTGAGATTCTGAGTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence:	>RC215833 representing NM_178270 Red=Cloning site Green=Tags(s) MESVLSKYEDQITIFTDYLEEYPTDELVWILGKQHLLKTEKSKLLSDISARLWFTYRRKFSPIGGTGPS SDAGWGCMRLRCGQMMLAQALICRHLGRDWSWEKQKEQPKEYQRILQCFLDRKDCCYSIHQMAQMGVGEK SIGEWFGPNTVAQVLKKLALFDEWNSLAVYVSMNTVVIEDIKKMCRVLPLSADTAGDRPPDSL TASNQS DELIFLDPHTTQTFVDTEENGTVNDQTFHCLQSPQRMNINLDP SVALGFFCKEEKDFDNWCSLVQKEIL KENLRMFELVQKHP SHWPPFVPPAKPEVTTTGAEFIDSTEQLEEF DLEEDFEILSV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_178270
ORF Size:	1008 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_178270.1, NP_840054.1</u>
RefSeq Size:	2117 bp
RefSeq ORF:	1011 bp
Locus ID:	115201
UniProt ID:	<u>Q8WYN0</u>
Cytogenetics:	Xq22.3
MW:	38.4 kDa