

Product datasheet for **RC216453A1V**

Human ATG4B (NM_178326) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATG4B (NM_178326) AAV Particle
Tag:	Myc-DDK
Symbol:	ATG4B
Synonyms:	APG4B; AUTL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC216453 representing NM_178326 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGACGCAGCTACTCTGACCTACGACACTCTCCGGTTTGCTGAGTTTGAAGATTTCTGAGACCTCAG
AGCCCGTTTGGATACTGGGTAGAAAATACAGCATTTTCACAGAAAAGGACGAGATCTTGCTGATGTGGC
ATCTAGACTTTGGTTTACATACAGGAAAACTTTCCAGCCATTGGGGGACAGGCCCCACCTCGGACACA
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GAGATTGGAGGTGGACACAAAGGAAGAGGCAGCCAGACAGCTACTTCAGCGTCCTCAACGCATTATCGA
CAGGAAGGACAGTTACTACTCCATTCAACAGATAGCGCAAATGGGAGTTGGCGAAGGCAAGTCCATAGGC
CAGTGGTACGGGCCCAACACTGTGCGCCAGGTCTGAAGAAGCTTGCTGTCTTCGATACGTGGAGCTCCT
TGGCGGTCCACATTGCAATGGACAACACTGTTGTGATGGAGGAAATCAGAAGGTTGTGCAGGACCAGCGT
TCCCTGTGCAGGCGCCACTGCGTTTCTGCAGATTCGACCGGCACTGCAACGGATTCCCTGCCGGAGCT
GAGGTACCAACAGGCCGTGCGCATGGAGACCCCTGGTACTTCTATTCCCTGCGCCTGGGGCTCACGG
ACATCAACGAGGCCTACGTGGAGACGCTGAAGCACTGCTTCATGATGCCCCAGTCCCTGGGCGTCATCGG
AGGGAAGCCCAACAGCGCCCACTACTTCATCGGCTACGTTGGTGGAGAGCTCATCTACCTGGACCCCAAC
ACCACGCAGCCAGCCGTGGAGCCCACTGATGGCTGCTTCATCCCGGACGAGAGCTTCCACTGCCAGCACC
CGCCGTGCCGATGAGCATCGCGGAGCTTGACCCGTCCATCGCTGTGGGGTTTTCTGTGAAGACTGAAGA
TGACTTCAATGATTGGTGCCAGCAAGTCAAAAAGCTGTCTGCTTGGAGGTGCCCTGCCATGTTTGAG
CTGGTGGAGCTGCAGCCTTACATCTGGCCTGCCCCGACGTCCTGAACCTGTCCCTAGGTGAGAGCTGCC
AAGTCCAGATTCTTCTGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC216453 representing NM_178326 Red=Cloning site Green=Tags(s) MDAATLT YD TLRFAEFEDFPETSEPVWILGRKYSIFTEKDEILSDVASRLWFTYRKNFPAIGGTGPTSDT GWGCM LRCGQMIFAQALVCRHLGRDWRWTQRKRQPD SYFSVLNAFIDRKDSYYSIHQIAQMGVGEKSG QWYGPNTVAQVLKKLAVFDTWSSLAVHIAMDNTVVMEEIRRLCRTSVPCAGATAFPADSDRHCNGFPAGA EVTNRPSWRPLVLLIPLRLGLTDINEAYVETLKHCFMMPQSLGVIGGKPN SAHYFIGYVGEELIYLDPH TTQPAVEPTDGC FIPDES FHCQHPPCRMSIAELDPSIAVGFFCKTEDDFNDWCQVKKLSLLGGALPMFE LVELQPSHLACPDV LNL SLGES CQVQILLM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_178326
ORF Size:	1140 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:	NM_178326.2
RefSeq Size:	2912 bp
RefSeq ORF:	1143 bp
Locus ID:	23192
UniProt ID:	Q9Y4P1
Cytogenetics:	2q37.3
MW:	42.4 kDa