

Product datasheet for **RC200289A1V**

Human **ATG4B (NM_013325)** AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human ATG4B (NM_013325) AAV Particle
Tag: Myc-DDK
Symbol: ATG4B
Synonyms: APG4B; AUTL1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC200289 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGACGCAGCTACTCTGACCTACGACACTCTCCGGTTTGCTGAGTTTGAAGATTTCTGAGACCTCAG
 AGCCCGTTTGGATACTGGGTAGAAAATACAGCATTTTCACAGAAAAGGACGAGATCTTGCTGATGTGGC
 ATCTAGACTTTGGTTTACATACAGGAAAACTTCCAGCCATTGGGGGACAGGCCCCACCTCGGACACA
 GGCTGGGGCTGCATGCTGCGGTGTGGACAGATGATCTTTGCCAAAGCCCTGGTGTGCCGGCACCTAGGCC
 GAGATTGGAGGTGGACAAAGGAAGAGGCAGCCAGACAGCTACTTCAGCGTCCTCAACGCATTCATCGA
 CAGGAAGGACAGTTACTACTCCATTACCCAGATAGCGCAAATGGGAGTTGGCGAAGGCAAGTCCATAGGC
 CAGTGGTACGGGCCAACACTGTCGCCAGGTCCTGAAGAAGCTTGCTGTCTCGATACGTGGAGCTCCT
 TGGCGGTCCACATTGCAATGGACAACACTGTTGTGATGGAGGAAATCAGAAGGTTGTGCAGGACCAGCGT
 TCCCTGTGCAGGCGCCACTGCGTTTCTGCAGATTCGACCGGCACTGCAACGGATTCCCTGCCGGAGCT
 GAGGTCACCAACAGGCCGTGCGCATGGAGACCCTGGTACTTCTCATTCCCCTGCGCCTGGGGCTCACGG
 ACATCAACGAGGCCTACGTGGAGACGCTGAAGCACTGCTTCATGATGCCCCAGTCCCTGGGCGTCATCGG
 AGGGAAGCCCAACAGCGCCCACTACTTCATCGGCTACGTTGGTGGAGGCTCATCTACCTGGACCCCAAC
 ACCACGCAGCCAGCCGTGGAGCCCACTGATGGCTGCTTCATCCCAGGAGAGCTTCCACTGCCAGCACC
 CGCCGTGCCGATGAGCATCGCGGAGCTTGACCCGTCCATCGCTGTGGGGTTTTCTGTAAAGACTGAAGA
 TGACTTCAATGATTGGTGCCAGCAAGTCAAAAAGCTGTCTGCTCGGAGGTGCCCTGCCATGTTTGAG
 CTGGTGGAGCAGCAGCCTTACATCTGGCTGCCCCGACGTCCTGAACCTGTCCCTAGATTCTTCTGATG
 TAGAGCGACTGGAAGATTCTTCGACTCAGAAGATGAAGACTTTGAAATCCTGTCCCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC200289 protein sequence Red=Cloning site Green=Tags(s)</p> <p>MDAATLYDTLRFAEFEDFPETSEPVWILGRKYSIFTEKDEILSDVASRLWFTYRKNFPAIGGTGPTS DWGCMRLRCGQMIFAQALVCRHLGRDWRWTQRKRQPSYFVNLNAFIDRKDSYYSIHQIAQMGVGEK SIGQWYGPNTVAQVLKKLAVFDTWSSLAVHIAMDNTVVMEEIRRLCRTSVPCAGATAFPADSDRHC NGFPAGAEVTNRPSWRPLVLLIPLRLGLTDINEAYVETLKHCFMMPQSLGVIGGKPN SAHYFIGYVGEELIYLDPHTTQPAVEPTDGCFIGPDES FHCQHPPCRMSIAELDPSIAVGF FCKTEDDFNDWCQQVKLLSLLGGALPMFELVEQQPSHLACPDVNLNLSLDSSDVERLER FFDSEDEDFEILSL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_013325
ORF Size:	1179 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_013325.4
RefSeq Size:	2892 bp
RefSeq ORF:	1182 bp
Locus ID:	23192
UniProt ID:	Q9Y4P1
Cytogenetics:	2q37.3
MW:	44.3 kDa