

Product datasheet for **RC213198A1V**

Human ATAD3A (NM_018188) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATAD3A (NM_018188) AAV Particle
Tag:	Myc-DDK
Symbol:	ATAD3A
Synonyms:	HAYOS; PHRINL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213198 representing NM_018188
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCGTGGCTCTTCGGCATTAAACAAGGGCCCCAAGGGTGAAGGCGCGGGCGCGCCGCCCTTTGCCGC
 CCGCGCAGCCCCGGGGCCGAGGGCGGCGGGGACCGCGGGTTGGGAGACCGCGCGGCCAAGGACAAATG
 GAGCAACTTCGACCCACCGGCCTGGAGCGCGCGCCAAGGCGCGCGCGAGCTGGAGCACTCGCGTTAT
 GCCAAGGACGCCCTGAATCTGGCAGATGCAGGAGCAGACGCTGCAGTTGGAGCAACAGTCCAAGCTCA
 AAATGCGGCTGGAAGCCCTGAGCCTGCTGCACACACTAGTCTGGGCATGGAGTCTCTGCCGTGCCGGAGC
 CGTGCAGACACAGGAGCGGCTGTGAGGAGTGCAGCCCTGAGCAAGTGCAGCTGGTGAAGTCTGTGCT
 CTGCAGGAGTATGAGGCCCGCTGGAGCAGCTCAAGAGCGAGCAGATCCGGGCGCAGGCTGAGGAGAGGA
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 GCAGATCCGCCTGAAGGCGGCCGAGCACCCTGACACCGTCTTGAGTCCATCAGGACGGCTGGCACCTTG
 TTTGGGAAGGATTCCGTGCCTTTGTGACAGACTGGGACAAAGTGACAGCCACCGTGGCTGGGCTGACGC
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 GTCAGCCGCGGCTCCTCAGTCGACCCAGGACGCGCTGGAGGGTGTGTGCTCAGTCCCAGCCTGGAAG
 CACGGGTGCGCGACATCGCCATAGCAACAAGGAACACCAAGAAGAACCGCAGCCTGTACAGGAACATCCT
 GATGTACGGGCCACAGGCACCGGAAGACGCTGTTTGCCAAGAACTCGCCCTGCACTCAGGCATGGAC
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 TTGACTGGGCAATACCAGCCGGCGCGGCTCCTGCTCTTTGTGGATGAAGCGGACGCTTCCTTCGGA
 GCGAGCCACCGAGAAGATAAGCGAGGACCTCAGGGCCACACTGAACGCTTCCTGTACCGCACGGGCCAG
 CACAGCAACAAGTTCATGCTGGTCTTGCCAGCAACCAACCAGAGCAGTTCGACTGGGCCATCAATGACC
 GCATCAATGAGATGGTCCACTTCGACCTGCCAGGGCAGGAGAACGGAGCGCCTGGTGAGAATGTATTT
 TGACAAGTATGTTCTTAAGCCGCCACAGAAGGAAAGCAGCGCCTGAAGCTGGCCAGTTTGACTACGGG
 AGGAAGTGCTCGGAGGTCGCTCGGCTGACGGAGGGCATGTGCGGCCGGGAGATCGCTCAGCTGGCCGTGT
 CCTGGCAGGCCACGGCGTATGCCTCCGAGGACGGGTCTGACCGAGGCCATGATGGACACCCGCGTGCA
 AGATGTGTCCAGCAGCACCAGCAGAAGATGTGCTGGCTGAAGGCGGAAGGGCTGGGCGTGGGACGAG
 CCCTCCCCATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC213198 representing NM_018188 Red=Cloning site Green=Tags(s) MSWLFGINKGPKGEGAGPPPPLPPAQPAGGEGDRGLGDRPAPKDKWSNFDPTGLERAACAARELEHSRY AKDALNLAQMGEQTLQLEQQSKLMRLEALSLHLTVAWSLCRAGAVQTQERLSGSASPEQVPAGECCA LQEYEAAVEQLKSEQIRAQAEERRKTLSEETRQHQAQYQDKLARQRYEDQLKQQQLNEENLRKQES VQKQEAAMRRATVEREMELRHKNEMLRVEAEARARAKAERENADITREQIRLKAAEHRQTVLESIRTAGTL FGEGFRAFVTDWDKVTATVAGLTLLAVGVYSAKNATLVAGRFIEARLGKPSLVRETSRITVLEALRHPIQ VSRRLLSRPQDALEGVVLSPSLEARVRDIAIATRNTKKNRSLYRNILMYGPPGTGKTLFAKKLALHSGMD YAIMTGGDVAPMGREGVTAMHKLFDWANTSRRGLLLFVDEADAFLRKRATEKISEDLRATLNAFLYRTGQ HSNKFMLVLASNQPEQFDWAINDRINEMVHFDLPGQEERERLVRMYFDKYVLKPATEGKQRLKLAQFDYG RKCSEVARLTEGMSGREIAQLAVSWQATAYASEDGVLEAMMDTRVQDAVQQHQKMCWLKAEGPGRGDE PSPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_018188
ORF Size:	1902 bp
Buffer:	PBS with 0.001% Pluronic F7008
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_018188.3</u>
RefSeq Size:	2656 bp
RefSeq ORF:	1905 bp
Locus ID:	55210
UniProt ID:	<u>Q9NVI7</u>
Cytogenetics:	1p36.33
MW:	71.8 kDa