

Product datasheet for **RC204183A1V**

Human ATP1B3 (NM_001679) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATP1B3 (NM_001679) AAV Particle
Tag:	Myc-DDK
Symbol:	ATP1B3
Synonyms:	ATPB-3; CD298
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204183 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACGAAGAACGAGAAGAAGTCCCTCAACCAGAGCCTGGCCGAGTGGAAGCTCTTCATCTACAACCCGA
CCACCGGAGAATTCTGGGGCGCACCGCAAGAGCTGGGGTTTGATCTTGCTCTTCTACCTAGTTTTTA
TGGGTTCTGGCTGCACTCTTCTCATTACGATGTGGGTTATGCTTCAGACTCTCAACGATGAGGTTCCA
AAATACCGTGACCAGATTCTAGCCCAGGACTCATGGTTTTTCCAAAACCAAGTGACCGCATTGGAATATA
CATTCACTAGGTCTGATCCAATTCTGATGCAGGTACATTGAAGACCTTAAGAAGTTTCTAAAACCAT
TACTTTAGAAGAACAGAAGAACCTCACAGTCTGTCTGATGGAGCACTTTTGAACAGAAGGGTCCAGTT
TATGTTGCATGTCAGTTTCCTATTTCTTACTTCAAGCATGCAGTGGTATGAATGATCCTGATTTTGGCT
ATTCTCAAGGAAACCTTGATTCTTGTAAGTGAACAGAATAATTGGATTAAGCCTGAAGGAGTGCC
AAGGATAGATTGTGTTTCAAAGAATGAAGATATACCAATGTAGCAGTTTATCCTCATAATGGAATGATA
GACTTAAATATTTCCCATATTATGGGAAAAAAGTGCATGTTGGGTATCTACAGCCATTGGTGTCTTC
AGGTCACTTTGCTCCTAACAACACTGGGAAAGAAGTAACAGTTGAGTGAAGATTGATGGATCAGCCAA
CCTAAAAGTCAGGATGATCGTGACAAGTTTTTGGGACGAGTTATGTTCAAAATCACAGCACGTGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204183 protein sequence Red=Cloning site Green=Tags(s) MTKNEKKSLNQSLAEWKLFYINPTTGEFLGRTAKSWGLILLFYLVFYGFLAALFSFTMWVMLQTLNDEVP KYRDQIPSPGLMVFPKPVTALEYTFSRSDPTSYAGYIEDLKKFLKPYTLEEQKNLTVCPDGALFEQKGPV YVACQFPISLLQACSGMNDPFDGYSQGNPCILVKMNRIGLKPEGVPRIDCVSKNEDIPNVAVYPHNGMI DLKYFPYYGKKLHVGYLQPLVAVQVSFAPNNTGKEVTVECKIDGSANLKSQDDRDKFLGRVMFKITARA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001679
ORF Size:	837 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_001679.2</u>
RefSeq Size:	1853 bp
RefSeq ORF:	840 bp
Locus ID:	483
UniProt ID:	<u>P54709</u>
Cytogenetics:	3q23
MW:	31.5 kDa