

Product datasheet for **RC220004A1V**

Human ATP1B2 (NM_001678) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATP1B2 (NM_001678) AAV Particle
Tag:	Myc-DDK
Symbol:	ATP1B2
Synonyms:	AMOG
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC220004 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTCATCCAGAAAGAGAAGAAGAGCTGCGGGCAGGTGGTTGAGGAGTGGAAGGAGTTCGTGTGGAACC
CGAGGACGCACCAAGTTTATGGGCCGCACCGGGACCACTGGGCCTTTATCCTCCTCTTCTACCTCGTTTT
TTATGGGTTCTCACCGCCATGTTACCCCTACCATGTGGGTGATGCTGCAGACTGTCTCCGACCATAACC
CCCAAGTACCAGACCGACTGGCCACACCGGGCTTGATGATTCGCCCCAAGACTGAGAACCTTGATGTCA
TTGTCAATGTGAGTCACTGAAAGCTGGGACCACTGTTGAGAACTCAACAAGTTCTTGAGCCTTA
CAACGACTCTATCCAAGCCAAAAGAATGATGTCTGCCGCCCTGGGCGCTATTACGAACAGCCAGATAAT
GGAGTCTCAACTACCCAAACGTGCCTGCCAATTCAACCGGACCCAGCTGGGCAACTGCTCCGGCATTG
GGGACTCCACCACTATGGTTACAGCACTGGGAGCCCTGTGTCTTCATCAAGATGAACCGGGTCATCAA
CTTCTATGCAGGAGCAAACAGAGCATGAATGTTACCTGTGCTGGGAAGCGAGATGAAGATGCTGAGAAT
CTCGGCAACTTCGTATGTTCCCGCCAACGGCAACATCGACCTCATGTACTTCCCTACTATGGCAAAA
AGTTCCACGTGAACACACAGCCCTGGTGGCTGTGAAGTTCTGAATGTGACCCCCAACGTGGAGGT
GAATGTAGAATGTCGCATCAACGCCGCAACATCGCCACAGACGATGAGCGAGACAAGTTCGCCGGCCGC
GTGGCCTTCAAACCTCCGCATCAACAAAACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC220004 protein sequence Red=Cloning site Green=Tags(s) MVIQKEKKSCGQVVEEWKEFVWNPRTHQFMGRTGTSWAFILLFYLVFYGFLTAMFTLTMWVMLQTVSDHT PKYQDRLATPGLMIRPKTENLDVIVNVSDTESWDQHVQKLNKFLEPYNDSIQAQKNDVCRPGRYYEQPDN GVLNYPKRACQFNRTQLGNCSGIGDSTHYGYSTGQPCVFIKMNRVINFYAGANQSMNVTGAGKRDADAEN LGNFVMFPANGNIDLMYFPYYGKKFHVNYTQPLVAVKFLNVTNVEVNVVECRINAANIATDDDERDKFAGR VAFKLRINKT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001678
ORF Size:	870 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_001678.3, NP_001669.3</u>
RefSeq Size:	3350 bp
RefSeq ORF:	873 bp
Locus ID:	482
UniProt ID:	<u>P14415</u>
Cytogenetics:	17p13.1
MW:	33.4 kDa