

Product datasheet for **RC200500A1V**

Human beta 1 Sodium Potassium ATPase (ATP1B1) (NM_001677) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human beta 1 Sodium Potassium ATPase (ATP1B1) (NM_001677) AAV Particle
Tag:	Myc-DDK
Symbol:	beta 1 Sodium Potassium ATPase
Synonyms:	ATP1B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200500 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCCGCGGAAAGCCAAGGAGGAGGGCAGCTGGAAGAAATTCATCTGGAAGTCAAGAGAGGAGT
TTCTGGGCAGGACCGGTGGCAGTTGGTTTAAGATCCTTCTATTCTACGTAATATTTATGGCTGCCTGGC
TGGCATCTTCATCGGAACCATCCAAGTGATGCTGCTCACCATCAGTGAATTTAAGCCACATATCAGGAC
CGAGTGGCCCCGCCAGGATTAACACAGATTCTCAGATCCAGAAGACTGAAATTTCTTTTCGTCTTAATG
ATCCCAAGAGCTATGAGGCATATGTACTGAACATAGTTAGGTTCTGGAAAAGTACAAAGATTCAAGCCCA
GAGGGATGACATGATTTTTGAAGATTGTGGCGATGTGCCAGTGAACCGAAAGAACGAGGAGACTTTAAT
CATGAACGAGGAGAGCGAAAGGTCTGCAGATTCAAGCTTGAATGGCTGGGAAATGCTCTGGATTAATG
ATGAACTTATGGCTACAAAGAGGGCAAACCGTGCATTATTATAAAGCTCAACCGAGTTCTAGGCTTCAA
ACCTAAGCCTCCCAAGAATGAGTCCTTGGAGACTTACCCAGTGATGAAGTATAACCCAAATGTCCTTCCC
GTTCACTGCACTGGCAAGCGAGATGAAGATAAGGATAAAGTTGGAAATGTGGAGTATTTGGACTGGGCA
ACTCCCTGGTTTTCTCTGCAGTATTATCCGTACTATGGCAAACCTCTGCAGCCCAATACCTGCAGCC
CCTGCTGGCCGTACAGTTCACCAATCTTACCATGGACACTGAAATTCGCATAGAGTGAAGGCGTACGGT
GAGAACATTGGGTACAGTGAGAAAGACCGTTTTAGGGACGTTTTGATGTAAAAATTGAAGTTAAGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200500 protein sequence Red=Cloning site Green=Tags(s) MARGKAKEEGSWKKFIWNSEKKEFLGRTGGSWFKILLFYVIFYGCLAGIFIGTIQVMLLTISEFKPTYQD RVAPPGLTQIPQIQKTEISFRPNPKSYEAYVLNIVRFLEKYKDSAQRDDMIFEDCGDVPSEPKERGDFN HERGERKVCRFKLEWLGNCGLNDETYGYKEGKPCIIIKLNRVLGFKPKPPKNESLETYPVMKYNPVLP VQCTGKRDEDDKDKVGNVEYFGLGNSPGFPLQYYPPYGKLLQPKYLQPLLAVQFTNLTMDTEIRIECKAYG ENIGYSEKDRFQGRFDVKIEVKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001677
ORF Size:	909 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_001677.3</u>
RefSeq Size:	2212 bp
RefSeq ORF:	912 bp
Locus ID:	481
UniProt ID:	<u>P05026</u>
Cytogenetics:	1q24.2
MW:	35.1 kDa