

Product datasheet for **RC223769A1V**

Human ATP6V0A1 (NM_005177) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATP6V0A1 (NM_005177) AAV Particle
Tag:	Myc-DDK
Symbol:	ATP6V0A1
Synonyms:	a1; ATP6N1; ATP6N1A; Stv1; Vph1; VPP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC223769 representing NM_005177
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGGAGCTTTTCCGGAGTGAAGAAATGACACTGGCCAGCTTTTTCTACAGTCAGAGGCTGCTTATT
 GTTGTGTCAGTGAATTAGGAGAACTTGGAAAGGTTTCAGTTTCGTGACTTAAATCCAGATGTGAATGTTTT
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 GACGCAGACGAGTTTGACTTTGGGGACACCATGGTCCACAGGCCATCCACACCATCGAGTACTGCCTGG
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 TTCTTCTTCACTGCCTTTGCCACCCTGACCGTGGCCATCCTCCTGATCATGGAGGGCCTCTCGGCCCTTC
 TCCACGCACTGCGCTTACACTGGGTTGAGTTCAGAATAAATTCTACAGCGGGACCGGTTTCAAGTTCTT
 ACCCTTCTCCTTCGAGCATATTCGGGAAGGGAAGTTTGAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC223769 representing NM_005177 Red=Cloning site Green=Tags(s) MGELFRSEEMTLAQLFLQSEAAAYCCVSELGELGKVQFRDLNPDVNVFQRKFVNEVRRCEEMDRKLRFVEK EIRKANIPIMDTGENPEVPFPRDMIDLEANFEKIENELKEINTNQEALKRNFLELTELKFI LRKTQQFFD EMADPDLL EESSLL EPSEMGRGTPLRLGFVAGVINRERIPTFERMLWRVCRGNVFLRQAEIENPLEDPV TGDYVHKSVFI IFFQGDQLKNRVKKICEGFRASLYPCPETPQERKEMASGVNTRIDDLQMVNLQTEDHRQ RVLQAAAKNIRVWF IKVRKMKAIYHTLNL CNIDVTQKCLIAEVWCPVTDLDSIQFALRRGTEHSGSTVPS ILNRMQTNQTPPTYNKTNKFTYGFQNIVDAYGIGTYREINPAPYTIITFPFLFAVMFGDFGHGILMTLFA VWMLRESRILSQKNENEMFSTVFSGRYIILLMGVFSMYTGLIYNDGFSKSLNIFGSSWSVRPMFTYNWT EETLRGNPVLQLNPALPGVFGGYPFGIDPIWNIATNKL TFLNSFKMKMSVILGIIHMLFGVSLSLFNHI YFKKPLNIYFGFIPEIIFMTSLFGYL VILIFYKWTAYDAHTSENAPSLLIHFINMFLFSYPESGYSM LYS GQKGIQCFLVVALLCVPWMLLFKPLVLRQYLRRKHLGTLNFGGIRVGNPTEEDAEIIQHDLSTHSE DADEFDFGDTMVHQAIHTIEYCLGCISNTASYLRLWALSLAHAQLSEVLWTMVIHIGLSVKSLAGGLVLF FFFTAFATLTVAILLIMEGLSAFLHALRLHWVEFQNKFYSGTGFKFLPFSFEHIREGKFEE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005177
ORF Size:	2493 bp
Buffer:	PBS with 0.001% Pluronic F8704
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_005177.2
RefSeq Size:	4139 bp
RefSeq ORF:	2496 bp
Locus ID:	535
UniProt ID:	Q93050
Cytogenetics:	17q21.2
MW:	95.6 kDa