

Product datasheet for **RC200394A1V**

Human ATP6AP1 (NM_001183) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATP6AP1 (NM_001183) AAV Particle
Tag:	Myc-DDK
Symbol:	ATP6AP1
Synonyms:	16A; Ac45; ATP6IP1; ATP6S1; CF2; VATPS1; XAP-3; XAP3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200394 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGGCGGCCATGGCGACGGCTCGAGTGC GGATGGGGCCGCGGTGCGCCAGGCGCTCTGGCGCATGC
 CGTGGCTGCCGGTGTTTTGTCGTTGGCGGCGCGGCGGCGGCAGCGCGGAGCAGCAGGTCCCGCT
 GGTGCTGTGGTCGAGTGACCGGACTTGTGGGCTCCTGCGGCCGACACTCATGAAGGCCACATCACCAGC
 GACTTGCAGCTCTCTACCTACTTAGATCCCGCCCTGGAGCTGGGTCCCAGGAATGTGCTGCTGTTCTCCTGC
 AGGACAAGCTGAGCATTGAGGATTTACAGCATATGGCGGTGTGTTGGAAACAAGCAGGACAGCGCCTT
 TTCTAACCTAGAGAATGCCCTGGACCTGGCCCCCTCCTACTGGTGTCTCCTGCCGTGACTGGTATGCA
 GTCAGCACTCTGACCACTACCTGCAGGAGAAGCTCGGGGCCAGCCCCTTGCATGTGGACCTGGCCACCC
 TCGGGGAGCTGAAGCTCAATGCCAGCCTCCCTGCTCTGCTGCTCATTGCCTGCCCTACACAGCCAGCTC
 TGGTCTGATGGCACCCAGGAAGTCTCACAGCAACGATGAGGTCATCGGGCAGGTCTGAGCACACTC
 AAGTCCGAAGATGTCCCATACACAGCGGCCCTCACAGCGGTCCGCCCTTCCAGGGTGGCCCGTGTATGAG
 CCGTGGTGGCCGAGGGCTAGGTCGCCAGCTGTACAAAAACAGCCAGTATCACCTGTGATCCATCCTCC
 TGTGAGTTACAATGACACCGCTCCCGGATCCTGTTCTGGGCCAAAACCTTCTGTGGCGTACAAGGAC
 CAGTGGGAGGACCTGACTCCCCTCACCTTTGGGGTGCAGGAACCAACCTGACTGGCTCCTTCTGGAATG
 ACTCCTTTGCCAGGCTCTCACTGACCTATGAACGACTCTTTGGTACCACAGTGACATTCAAGTTCATTCT
 GGCCAACCGCCTCTACCCAGTGTCTGCCCGGCACTGGTTTACCATGGAGCGCCTCGAAGTCCACAGCAAT
 GGCTCCGTGCGCTACTTCAATGCTTCCAGGTCACAGGGCCCAGCATCTACTCCTTCCACTGCGAGTATG
 TCAGCAGCTGAGCAAGAAGGGTAGTCTCCTCGTGGCCGACGACGCCCTCCTCCCTGGCAGATGATGCT
 TCAGGACTTCCAGATCCAGGCTTCAACGTAATGGGGGAGCAGTTCTCCTACGCCAGCGACTGTGCCAGC
 TTCTTCTCCCCGGCATCTGGATGGGGTGTCTCACCTCCTGTTTATGCTCTTACCTATGATGACC
 TGCACATGATCCTCAGCCTCAAGACCATGGATCGCTTTGATGACCACAAGGGCCCCACTATTTCTTTGAC
 CCAGATTGTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200394 protein sequence
 Red=Cloning site Green=Tags(s)

MMAAMATARVRMGPRCAQALWRMPWLPVFLSLAAAAAAAAEQVPLVLWSSDRDLWAPAADTHEGHITS
 DLQLSTYLDPALELGPRLVLLFLQDKLSIEDFTAYGGVFGNKQDSAFSNLENALDLPSSLVLPVADWYA
 VSTLTTYLQEKLGASPLHVDLTLRELKLNALPALLLIRLPYTASSGLMAPREVLGNDEVIGQVLSTL
 KSEDVPYTAALTAVRPSRVARDVAVVAGGLGRQLLQKQPVSPVIHPPVSYNDTAPRILFWAQNFSVAYKD
 QWEDLTPLTFGVQELNLTGSFWNDSFARLSLTYERLFGTTVTFKFILANRLYPVSARHWF TMERLEVHSN
 GSVAYFNASQVTGPSIYSFHCEYVSSLKKGSLLVARTQPSWQMLLQDFQIQAFNVMGEGF SYASDCAS
 FFSPGIWMGLLTSLFMLFIFTYGLHMILSLKTMDFDDHKGPTISLTQIV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001183

ORF Size:

1410 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_001183.3</u>
RefSeq Size:	2100 bp
RefSeq ORF:	1413 bp
Locus ID:	537
UniProt ID:	<u>Q15904</u>
Cytogenetics:	Xq28
MW:	52 kDa