

Product datasheet for **RC203498A1V**

Human ATP6V0D1 (NM_004691) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATP6V0D1 (NM_004691) AAV Particle
Tag:	Myc-DDK
Symbol:	ATP6V0D1
Synonyms:	ATP6D; ATP6DV; P39; VATX; VMA6; VPATPD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203498 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGTTCTTCCCGGAGCTTTACTTTAACGTGGACAATGGCTACTTGGAGGGACTGGTGCGCGGCCTGA
AGGCCGGGGTGCTCAGCCAGGCCGACTACCTCAACCTGGTGCAGTGCGAGACGCTAGAGGACTTGAACT
GCATCTGCAGAGCACTGATTATGGTAACCTCCTGGCCAACGAGGCATCACCTCTGACGGTGTCAGTCATC
GATGACCGGCTCAAGGAGAAGATGGTGGTGGAGTTCGCCACATGAGGAACCATGCCTATGAGCCACTCG
CCAGCTTCCTAGACTTCATTACTTACAGTTACATGATCGACAACGTGATCCTGCTCATCACAGGCACGCT
GCACCAGCGCTCCATCGCTGAGCTCGTGCCCAAGTGCCACCCACTAGGCAGCTTCGAGCAGATGGAGGCC
GTGAACATTGCTCAGACACCTGCTGAGCTCTACAATGCCATTCTGGTGGACACGCCTCTTGCGGCTTTTT
TCCAGGACTGCATTTAGAGCAGGACCTTGACGAGATGAACATCGAGATCATCCGCAACACCCCTCTACAA
GGCCTACCTGGAGTCCTTCTACAAGTTCTGCACCCTACTGGGCGGGACTACGGCTGATGCCATGTGCCCC
ATCCTGGAGTTTGAAGCAGACCGCCGCGCCTTCATCATCACCATCAATTCTTTCGGCACAGAGCTGTCCA
AAGAGGACCGTGCCAAGCTCTTCCACACTGTGGGCGGCTCTACCCTGAGGGCCTGGCGCAGCTGGCTCG
GGTGACGACTATGAACAGGTCAAGAAGCTGGCCGATTACTACCCGGAGTACAAGCTGCTCTTCGAGGGT
GCAGGTAGCAACCCTGGAGACAAGACGCTGGAGGACCGATTCTTGAGCACGAGGTAAAGCTGAACAAGT
TGGCCTTCCTGAACAGTTCACCTTTGGTGTCTTCTATGCCTTCGTGAAGCTCAAGGAGCAGGAGTGTGC
CAACATCGTGTGGATCGCTGAATGTATCGCCACGCGCCACCGCCAAAATCGACAACATCATCCCTATC
TTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203498 protein sequence Red=Cloning site Green=Tags(s) MSFFPELYFNVDNGYLEGLVRGLKAGVLSQADYLNLVQCETLEDLKLHLQSTDYGNFLANEASPLTVSVI DDRLKEKMMVVEFRHMRNHAYEPLASFLDFITYSYMIDNVILLITGTLHQRSIAELVPKCHPLGSFEQMEA VNIAQTPAELYNAILVDTPLAAFFQDCISEQDLDEMNIETIRNTLYKAYLESFYKFTLLGGTTADAMCP ILEFEADRRAFIITINSFGTELSKEDRAKLFPHCGRLYPEGLAQLARADDYEQVKNVADYYPEYKLLFEG AGSNPGDKTLEDRLFHEHEVKLNKLAFLNQHFHGVFYAFVKLKEQECRNIVWIAECIAQRHRAKIDNYIPI F TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004691
ORF Size:	1053 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:	NM_004691.4
RefSeq Size:	1688 bp
RefSeq ORF:	1056 bp
Locus ID:	9114
UniProt ID:	P61421
Cytogenetics:	16q22.1
MW:	40.3 kDa