

Product datasheet for **RC223434A1V**

Human ATP6VIC2 (NM_001039362) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ATP6VIC2
Synonyms:	ATP6C2; VMA5
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC223434 representing NM_001039362
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCGGAGTTTGGTTAATTTCTGCCCTGGCGATAAGGAAAATTTGCAAGCTCTGGAGAGGATGAATA
CTGTAACCTCCAAGTCCAACCTGTCTTATAATACCAATTCGCTATTCCTGACTTCAAGTGGGGACCTT
GGATTCCCTGGTTGGCCTCTCTGATGAGTTGGGGAACTCGACACCTTTGCTGAAAGCCTCATAAGGAGA
ATGGCTCAGAGCGTGGTGAAGTCATGGAGGACTCAAAGGGGAAGGTCCAGGAGCACCTCTGGCAAACG
GAGTTGACTTAACATCCTTTGTGACCCACTTTGAATGGGACATGGCCAAATATCCTGTCAAGCAGCCGCT
CGTGAGTGTGGTGACACAATAGCCAAGCAACTGGCGCAGATCGAGATGGACCTGAAGTCCCGAACGGCC
GCCTACAACACTCTGAAGACAAACCTGGAGAACCTGGAAAAGAAATCCATGGGGAACTCTTCACCCGGA
CACTGAGTGATATTGTGAGCAAAGAGGACTTCGTGCTGGATTCTGAATATCTCGTCACACTTCTGGTCAT
CGTCCCAAACCAAACTACTCACAATGGCAAAAACCTACGAATCTCTCAGACATGGTGGTCCCTCGA
TCAACCAAACTCATTACTGAGGACAAGGAAGGGGCCCTTTCACTGTGACTCTGTTTCGAAAAGTGATTG
AAGATTTCAAACCAAGGCCAAAGAAAACAAGTTCACTGTTCTGTGAATTTTACTATGATGAGAAGGAAAT
TGAAAGGGAAAGGGAGGAGATGGCCAGATTGCTGTCTGATAAGAAGCAACAGTATCAAATTCCTGTGTT
GCTCTTAAAGGGATCATCCACCTTCCCGGACCACAAGGTTAAGGTAACCCCGCTAGGTAACCCGTGATA
GGCCTGCTGCGGGCAGACCGACAGAGAGAGAGAGAGTGAGGGCGAGGGTGAGGGCCCCCTGCTGCGCTG
GCTCAAGGTGAACCTTCAGTGAAGCCTTCATTGCCTGGATCCACATCAAGGCCCTGAGAGTGTTTGTGGAG
TCCGTGCTCAGGTATGGACTACCAGTGAACCTTCAGGCAGTGCTCCTGCAGCCGATAAGAAGTCATCCA
CCAAGCGTTTAAGAGAGGTTCTAAACTCTGTCTCCGACATCTGGATGAAGTAGCCGCTACAAGTATACT
GGATGCATCTGTGGAGATCCCGGGACTGCAACTCAATAACCAAGACTATTTTCCTTATGTCTACTTCCAT
ATTGACCTTAGTCTTCTTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223434 representing NM_001039362 Red=Cloning site Green=Tags(s) MSEFWLISAPGDKENLQALERMNTVTSKSNLSYNTKFAIPDFKVGTLDSLVLGSLDELGKLDTF AESLIRR MAQSVVEVMEDSKGKVQEHL LANGVLT SFVTHFEWDMAKYPVKQPLVSVD TI AKQLAQIEMDLKSRTA AYNTLKTNL ENLEKKSMGNLFTRT LSDIVSKEDFVLDSEYLV TLLVIVPKPNYSQWQKTYESLSDMVVPR STKLIT EDKEGGLFTVTLFRKVI ED FTKAKENKFTVREFYYDEKEIEREREEMARLLSDKKQQYTSCV ALKKGSSTFPDHKVKVTPLGNPDRPAAGQTDRE RESEGE GEP LLRWLKVNFSEAFIAWIIH IKALRVFVE SVLRYGLPVN FQAVLLQPHKKSSTKRLREVLNSVFRHLDEVAATSILDASVEIPGLQLNNQDYFPYVYFH IDLSLLD TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001039362
ORF Size:	1281 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_001039362.1</u>
RefSeq Size:	3250 bp
RefSeq ORF:	1284 bp
Locus ID:	245973
UniProt ID:	<u>Q8NEY4</u>
Cytogenetics:	2p25.1
MW:	48.6 kDa