

Product datasheet for **MR208239A1V**

Mouse *Atp6v1b1* (NM_134157) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse <i>Atp6v1b1</i> (NM_134157) AAV Particle
Tag:	Myc-DDK
Symbol:	<i>Atp6v1b1</i>
Synonyms:	<i>Atp6b1</i> ; AW208839; D630003L15; D630030L16Rik; D630039P21Rik; Vpp-3; Vpp3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208239 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCACAACAGTAGACAGCAGGTCTCGGGATTCAGTGGCAATAGCTGTGACCCAGGCACAGCCAAAG
 AGCATGTGCAGGCTGTGACCCGAAACTACATCACCCACCCCGAGTCACCTATAGGACAGTGTGCAGCGT
 CAATGGGCCTCTGGTGGTGTGACCCAGGTCAAGTTTGCCAGTATGCTGAGATTGTCAACTTTACCCTC
 CCTGATGGTACTCAGAGGAGTGGCCAGGTGCTTGAAGTGGCTGGGACCAAGGCCATTGTTTCAGGTGTTTG
 AAGGGACTTCAGGGATTGATCCAGAAAGACCACATGTGAATTCACAGGGGACATCCTGCGGACTCCTGT
 GTCAGAGGACATGCTGGTTCGGATTTTCAATGGCTCTGGCAAACCCATTGACAAAGGACCTGCTGTCATG
 GCAGAGGAGTTTCTGGACATCAACGGCCAGCCAATCAATCCCCATGACCGAATCTACCCGAGGAGATGA
 TCCAGACGGGAATCTCCCCATTGATGTCATGAACAGCATCGCTCGTGGCCAGAAGATCCCCATCTTCTC
 TGGGGTGGGCTCCCCACAATGAGATTGCAGCCAGATCTGCCCAAGCCGGGCTGGTGAAGAAATCC
 AAGGCTGTGCTGGATTATCATGAAGACAATTCGCCATTGTCTTTGCAGCCATGGGGGTGAACATGGAGA
 CAGCCAGGTTCTCAAGTCAGATTTGAGCAGAATGGAACCATGGGAAATGTCTGTCTCTTCTCTGAATTT
 GGCCAATGACCTACGATTGAGCGGATCATCACGCCACGTCTGGCACTGACCACGGCTGAGTTTCTTGCC
 TACCAGTGTGAGAAGCACGTGCTGGTACTGACTGACATGAGCTCCTATGCGGAGGCCTTGGCGGAGG
 TCTCAGCTGCCGGGAGGAAGTCCAGGACGCCGTGGCTTTCTGGATATATGTACACAGACTTGGCCAC
 CATCTATGAGCGAGCTGGCCGTGGAGGGCCGGGTGGTCCATCACCCAGATCCCCATTCTCACCATG
 CCTAATGATGATACCCATCCATCCAGACTTACTGGCTTCATCACAGAGGGGAGATTTATGTGG
 ACCGACAGCTACATAACCGGCAGGTCTACCCACCCATCAATGTGCTCCCATCCCTCTCGGACTGATGAA
 GTCGGCCATAGGCGAGGGCATGACCAGAAAGGACCACGGAGATGTTTCCAACAGCTGTACGCCTGCTAC
 GCCATCGGGAAGGACGTGCAGGCCATGAAAGCGGTGGTGGGGAGGAGGCCTCACCTCCGAGGACCTGC
 TCTACCTGGAGTTCTGCAGAAGTTTGAGAAGAATTTTCATCACCCAAGGTCTTACGAGAACCGCACGGT
 GTTCGAGTCGCTGGACCTGGGCTGGAACTGCTGCGCATCTTCCGAAAGAGATGCTGAAGCGCATTCCG
 CAGAGCATGACGGACGAGTTCTACTCTCGCCAGGGGGCGCAGCAGGACCCCGCATCCGACACGGCGCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208239 protein sequence
 Red=Cloning site Green=Tags(s)

MATTVDSRSSGFTGNSCDPGTAQEHVQAVTRNYITHPRVYRTVCSVNGPLVVLQVQKFAQYAEIVNFTL
 PDGTQRSQVLEVAGTKAIVQVFEGTSGIDSQKTTCEFTGDILRTPVSEDMLGRIFNGSGKPIDKGPVAV
 AEEFLDINGQPINPHDRIYPEEMIQTGISPIDVMNSIARGQKIPFSAAGLPHNEIAAQICRQAGLVKKS
 KAVLDYHEDNFAIVFAAMGVNMETARFFKSDFEQNGTMGNVCLFLNLANPTIERIITPRLALTTAEFLA
 YQCEKHVVLVILDMSSYAEALREVSAAREEVPGRRGFPGYMYDLATIYERAGRVEGRGGSITQIPILTM
 PNDDITHPIPDLTGFIIEGQIYVDRQLHNRQVYPPINVLPSSLRMLKMSAIGEGMTRKDHGDVSNQLYACY
 AIGKDVQAMKAVVGEEALTSEDLLYLEFLQKFEKNFITQGPYENRTVFESLDLQWLLRIFPKEMLKRIIP
 QSMTDEFYSRQGAQQDPASDTAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_134157

ORF Size:

1542 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_134157.2</u>
RefSeq Size:	1945 bp
RefSeq ORF:	1542 bp
Locus ID:	110935
UniProt ID:	<u>Q91YH6</u>
Cytogenetics:	6 35.94 cM
MW:	56.8 kDa