

Product datasheet for **MR200546A1V**

Mouse *Atp6v1g1* (NM_024173) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Mouse *Atp6v1g1* (NM_024173) AAV Particle
Tag: Myc-DDK
Symbol: *Atp6v1g1*
Synonyms: 1810024D14Rik; AA960677; *Atp6g1*; ATP6J; VAG1; *Vma10*
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >MR200546 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGAGTCAGTCGCAGGGCATCCAGCAGCTACTGCAGGCCGAGAAGCGGGCCGCCGAGAAGGTGTCCG
 AGGCCCGCAAGCGAAAGAACCGGAGGCTGAAGCAGGCCAAAGAAGAAGCCAGGCTGAAATTGAACAGTA
 CCGCCTGCAGAGGGAGAAGGAGTTCAAGGCCAAGGAAGCTGCGGCATTGGGCTCCCATGGCAGCTGCAGC
 AGTGAGGTGAAAAGGAGACCCGGGAGAAGATGACCGTCTCCAGAACTACTTCGAGCAGAACAGGGATG
 AAGTCTGGATAACCTTTGGCCTTTGTGTGTGACATCCGGCCGAAATCCATGAAAACCTACCGCATAAA
 CGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200546 protein sequence
 Red=Cloning site Green=Tags(s)

MASQSQGIQQLLQAEKRAAEKVSEARKRKNRRLKQAKEEAQAEIEQYRLQREKEFKAKEAAALGSHGSCS
 SEVEKETREKMTVLQNYFEQNRDEVLDNLLAFVCDIRPEIHENYRING

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse
Serotype: AAV-2
ACCN: NM_024173



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ORF Size:	357 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_024173.1</u> , <u>NP_077135.1</u>
RefSeq Size:	1109 bp
RefSeq ORF:	357 bp
Locus ID:	66290
UniProt ID:	<u>Q9CR51</u>
Cytogenetics:	4 B3
MW:	13.7 kDa