

Product datasheet for **MR226121A1V**

Mouse *Atp6ap2* (NM_027439) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse <i>Atp6ap2</i> (NM_027439) AAV Particle
Tag:	Myc-DDK
Symbol:	<i>Atp6ap2</i>
Synonyms:	(P)RR; 5730403E06Rik; APT6M8-9; <i>Atp6ip2</i> ; ATP6M8-9; M8-9; PRR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR226121 representing NM_027439 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGTGCTGGTCGTTCTCCTGTTCTTTCTGGTGGCGGGTGCTTTAGGGAATGAATTTAGCATATTA
GATCGCCAGGGTCTGTTGTTTTCCGAAATGAAATTTGGCTATACCGAGGATCGAATCCAGACGTAGC
TGCACTGTCCATGGGCTTCTCTGTAAGGAAGACCTGTCTTGGCCAGGGCTTGCCGTGGGTAACCTATTC
CACCGGCCACGGGTACCATTATGGTGATGGTGAAGGGGTGGATAAACTGGCACTTCCGGCAGGCAGCG
TCATCTCCTACCCTTTGGAGAAATGCAGTTCCTTTTAGTCTAGACAGCGTTGCAAATTCATTCCTCT
ATTTTCGGAGGAAACACCTGTAGTTTTGCAAGTTGGCTCCAGCGAGGAGAGAGTGTATATGGTGGGAAA
GCAAACCTCGGTGTTTGAAGACCTTTCAGTCACATTGCGGCAGCTCCGTAACCGCCTGTTTCAAGAAA
CCCTTCTCAACTCTTCCCCTCAATTCCTGAGTAGGAATAATGAGGTTGACCTGCTCTTTCTCCGA
ACTGCAAGTGCTACATGATATTTCCAGTTTGTGTCTCGTCATAAGCATCTAGCCAAGGACCATTCACCC
GACTTGATTCATTGGAGCTGGCAGGTTTGGATGAACTGGGAAGCGTTATGGGAAGACTCTGAACAGT
TCAGGGATGCTTCTAAGATCCTTGTGTGCTCTCCAAAAGTTTGCAGATGACATGTACAGTCTCTATGG
TGGGAACGCAGTGGTAGAGTTAGTGACTGTCAAATCATTCGACACATCCCTTGTGAGGAAGTCAAGGACC
ATCCTTGAGGCAAAACAAGAGAACCCAAAGTCCCTATAACCTTGCATATAAGTATAATTTGGAGTATT
CAGTGGTTTTCAACTTGGTACTGTGGATTATGATCGGCTTGGCCTTGGCTGTGATAATCACCTCTTCAA
CATTTGGAATATGGATCCTGGATATGATAGCATCATCTATAGGATGACAAATCAGAAGATTGCAATAGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR226121 representing NM_027439 Red=Cloning site Green=Tags(s) MAVLVLLFFLVAGALGNEFSILRSPGSVVFRRNGNWPIPGDRIPDVAALSMGFSVKEDLSWPLAVGNLF HRPRATIMVMVKGVDKALPAGSVISYPLENAVPFSLDSVANSIHSLFSEETPVVLQLAPSEERVYMGK ANSVFEDLSVTLRQLRNRLFQENSLNLSLPLNSLSRNNEVDLLFSELQVLHDISLLSRHKHLAKDHSP DLYSLELAGLDELGKRYGEDSEQFRDASKILVDALQKFADDMYSLYGGNAVVELVTVKSFDTSLVKRSRT ILEAKQENTQSPYNLAYKYNLEYSVFNLVLWIMIGLALAVIITSYNIWNMDPGYDSIIYRMTNQKIRID TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_027439
ORF Size:	1050 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_027439.4</u> , <u>NP_081715.1</u>
RefSeq Size:	2376 bp
RefSeq ORF:	1053 bp
Locus ID:	70495
UniProt ID:	<u>Q9CYN9</u>
Cytogenetics:	X A1.1
MW:	39.5 kDa