

Product datasheet for **MR208769A1V**

Mouse Atp5a1 (NM_007505) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Atp5a1 (NM_007505) AAV Particle
Tag:	Myc-DDK
Symbol:	Atp5a1
Synonyms:	AI035633; AL022851; AL023067; Atpm; D18Ert206e; Mom2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR208769 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCTGTCTGTGCGCGTCGCGCGGCCGTGCCCTCCCTCGACGGCGGGACTGGTCTCCAAA
 ATGCTTTGGGGTCATCCTTTGTTGGTGCAAGAAATCTCCATGCCTCTAACACTCGACTTCAGAAGACTGG
 CACAGCTGAGATGTCCTCCATTCTCGAGGAGAGGATTCTGGGAGCTGACACGTCTGTTGACCTGGAGGAG
 ACTGGGCGTGTGTTAAGCATTGGTGATGGTATTGCGCGAGTGACGGGCTGAGGAATGTTCAAGCAGAGG
 AGATGGTGAATTCTCTTCAGGCTTAAGGGTATGTCCCTGAACCTGGAACCCGACAATGTTGGAGTTGT
 CGTGTTCGGAATGACAAGCTAATTAAAGAAGGAGACGTTGTGAAGAGGACAGGCCCATCGTGATGTC
 CCCGTTGGCGAGGAGCTGTTGGCCGTGTGGTTGACGCCCTCGGTAATGCTATTGATGGAAGGGTCCAA
 TTGGTTCCAAGACCCGACAGCAGTGGCCCTGAAAGCCCCTGGAATTATCCCCGAATCTCTGTGCGGGA
 GCCGATGCAGACCGGCATCAAGGCTGTGGATAGCCTGGTGCCATTGGCCGGGTGAGCTGAGCTGATT
 ATGGTGACAGACAGACTGGGAAAACATCGATTGCCATTGACACAATCATCAACCAGAAACGTTTCAACG
 ATGGGACCGACGAGAAGAAGAAGCTGTACTGCATCTACGTCGCGATTGGTCAGAAAGCGGTCCACTGTGGC
 TCAGCTGGTGAAGAGACTGACGGATGCGGATGCCATGAAGTACCCATCGTGGTGTGAGCCACTGCCTCT
 GACGCTGCCCCGCTTCACTACTGGCTCCCTACTCCGGCTGCTCCATGGGAGAGTACTTTAGAGACAACG
 GCAAGCACGCTTTGATCATCTATGACGATCTATCAAGCAGGCTGTCGCTTACCGCCAGATGTCTCTGTT
 GCTCCGCCGACCCCTGGTCGTGAGGCTATCCTGGTGATGTGTTCTACCTACACTCCCGCTGCTGGAG
 AGAGCAGCCAAGATGAACGATTCTTTGGTGGTGGCTCTTTGACTGCCTTACCAGTCATTGAAACACAGG
 CTGGTGATGTCCGCTTACATTCACAAATGTTATTTCCATCACTGACGGACAGATCTTCTTGAAAC
 AGAATTGTTCTATAAAGGCATCCGCCCTGCCATTAATGTGGGTTTGTCTGTGTCCCGTGTGCGGATCTGCT
 GCCCAAACAGAGCCATGAAGCAGGTGGCAGGTACCATGAAGCTGGAGTTGGCTCAGTACCGGGAGGTGG
 CTGCGTTTGCCAGTTTGGTCTGATTTGGACGCTGCCACTCAACAGCTCTTGAGTCGTGGTGTGCGTCT
 GACCGAGTTGCTAAAGCAAGGACAGTACTCTCCATGGCTATTGAAGAACAGGTGGCTGTTATCTATGCG
 GGTGTACGGGTTATCTTGACAACTGGAGCCAGCAAGATCACAAAGTTTGAGAATGCTTTCTGTCTC
 ACGTTATCAGCCAGCACCAGTCCCTCTGGGCAATATCAGGTCTGATGGGAAAATCTCAGAACAGTCAGA
 CGCAAAGCTCAAAGAGATTGAACAACTTCTGGCTGGGTTGAACCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208769 protein sequence
 Red=Cloning site Green=Tags(s)

MLSVRVA AAVARALPRRAGLVSKNALGSSFFVGARNLHASNTRLQKTGAEMSSILEERILGADTSVDLEE
 TGRVLSIGDGIARVHGLRNVQAEEMVEFSSGLKGMSLNLEPDNVGVVVFNDKLIKEGDVVKRTGAIVDV
 PVGEELLGRVVDALGNAIDGKPIGSKTRRRVGLKAPGIIPRISVREPMQTGIKAVDSLVPIGRGQRELI
 IGDRQTGKTSIAIDTIIINQKRFNDGTDEKKLYCIYVAIGQKRSTVAQLVKRLTDADAMKYTIVVSATAS
 DAAPLQYLAPYSGCSMGEYFRDNGKHALIIYDDL SKQAVAYRQMSLLRRPPGREAYPGDVLYLHSLLE
 RAAKMNSDFGGSLTALPVIETQAGDVSAYIPTNVISITDGQIFLETIFYKGIRPAINVGLSVSRVGS
 AQTRAMKQVAGTMKLELAQYREVAFAQFGSDLDAATQQLSRGVRLTELLKQGQYSPMAIEEQVAVIYA
 GVRGYLDKLEPSKITKFENAFLSHVISQHSLLGNIRSDGKISEQSDAKLKEIVTNFLAGFEP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_007505

ORF Size:	1659 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_007505.2, NP_031531.1</u>
RefSeq Size:	2443 bp
RefSeq ORF:	1662 bp
Locus ID:	11946
UniProt ID:	<u>Q03265</u>
Cytogenetics:	18 52.38 cM
MW:	59.8 kDa