

Product datasheet for **MR208642A1V**

Mouse AtI3 (NM_146091) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse AtI3 (NM_146091) AAV Particle
Tag:	Myc-DDK
Symbol:	AtI3
Synonyms:	4633402C03Rik; 5730596K20Rik; AI465397; AW228836
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208642 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTGTCCCCTCAGCGAACTGCAGCGTGGCATCGAGAGGAGCAGGTGATGCCATGGAAAATGGAAAAC
 CTGGTCCAGTGCAGGTTGTTTTGGTTTCATAAAGAACAACATTCCTTTGAGCTAGAAGAGAGAGCCTTGGC
 CAGCGTCTCCTCCAAGACCATATCCGAGATCTTGATGTGGTGGTAGTATCAGTGGCTGGTGCTTTTCGA
 AAGGGTAAATCCTTCATTCTGGACTTTATGCTGCGATACTTATATTCTCAGAAGGAAGGTGGTCATTTCAG
 ACTGGTTGGGTGACCCAGAAGAACTCTGACAGGATTTTCATGGCGAGGAGGCTCTGATCCAGAACTAC
 TGGGATTCAGATTTGGAGTGAAGTTTTCACTGTGAAGAAGCCATGTGGAAAAAGGTTGCAGTTGTTCTG
 ATGGATACCCAGGGGCCTTTGACAGCCAGTCAACTGTGAAGGATTGTGCTACCATTTTTGCTCTAAGCA
 CTATGACTAGTTCTGTTCAAGTTTACAATTTGCCAGAATATTCAGGAAGATGATCTTCAGCAGCTACA
 GCTCTTACAGAATATGGCCGCCTGGCAATGGATGAAATTTTCCAAAAACCTTTTCAGACACTGATGTTT
 TTGATTCGAGATTTGGAGTTTCCCTTATGAATATAACTATGGACTGCAAGGAGGAATGGCATTTTTGGATA
 AGCGTTTACATGTGAAGGAACATCAACATGAAGAAATTCAGAATGTGAGAAATCATATTTCACTCATGTTT
 CTCCGATGTCACCTGTTTTCTTACCACATCCAGGGCTCCAGGTGGCCACAAGCCCCAACTTTGATGGG
 AAATTGAAAGATATTGCTAGTGAATTCAAAGAGCAGTTACAGGCTCTAATACCATATGTACTAAATCCAT
 CTAATTAATGGAGAAGGAGATCAATGGTTCAAAGTCACTGCCGGGGATTGTTGGAATATTTAAGGC
 ATATATTAATTTACCAAGGAGAAGATCTGCCTCACCGAAGTCCATGCTTCAGGCCACTGTGAAGCC
 AATAATTTGGCAGCTGCAGCCTCTGCCAAGATATTTATTACAACAACATGGAAGAGATTTGTGGGGAG
 AGAAACCTTATTTGTCTCCAGATATTTAGAAGAGAAGCACCTAGAATTCAAACAACCTGCTCTGGACCA
 CTTTAAGAAGATCAAAAAGATGGGTGGGAAGGATTTTCAGCTTCGGTTACCAGCAGGAACCTGGAGGAGAA
 ATCAAAGAAGTGTATGAGAACTTCTGCAAGCACACGGCAGCAAGAATGTCTTCAGCACCTTCCGAACCC
 CTGCACTTCTGTTACAGGCATAGCAGCATTGTACATAGCCTCGGGCTTACGGGCTTCACTGGGCTTGA
 GGTTGTGGCCAGCTGTTCAACTGTATGGTTGGACTGCTTAAATAGCACTCCTTACCTGGGGTACATC
 AGATATTCGGGCAGTATCGTGAGCTGGGTGGAGCCATTGACTCCGGTGCAGCATATGTGTTAGAGCAGG
 CTTCTTCGCATATTGGTAATTCTACTCAGGCTGCAGTAAGGGATGCCGTTGTTGGGAGACCACCTGCTGA
 TAAAAATCTCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208642 protein sequence
 Red=Cloning site Green=Tags(s)

MLSPQRTAAVASRGAGDAMENKPGPVQVVLVHKEQHSFELEERALASVLLQDHIRDLVDDVVVSVAGAFR
 KGKSFILDFMLRYLYSQKEGGHSDWLGDPPEPLTGF SWRGGSDPETTGIQIWFSEVFTVKKPCGKKVAVVL
 MDTQGAFDSQSTVKDCATIFALSTMTSSVQIYNLSQNIQEDDLQQLQLFTEYGRLAMDEIFQKPFQTLMF
 LIRDWSPFYEYNYGLQGGMAFLDKRLHVKEHQHEEQNVRNHIHSCFSDVTCFLPHPLQVATSPNFDG
 KLLKDIASEFKEQLQALIPYVLNPSKLMKEINGSKVTCRGLLEFYKAYIKIYQGEDLPHPKSMLQATAEA
 NNLAASAKDIYNNMEEICGGEKPYLSPDILEEKHLEFKQLALDHFKKIKKMGGKDFSFYRQQELEE
 IKELYENFCKHNGSKNVFSTFRTPAVLFTGIAALYIASGFTGFIGLEVVAQLFNCMVGLLLIALLTWGYI
 RYSGQYRELGGAIDSGAAYVLEQASSHIGNSTQAAVRDAAVVRPPADKKSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_146091

ORF Size:	1626 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_146091.2</u> , <u>NP_666203.3</u>
RefSeq Size:	6387 bp
RefSeq ORF:	1626 bp
Locus ID:	109168
UniProt ID:	<u>Q91YH5</u>
Cytogenetics:	19 A
MW:	60.6 kDa