

Product datasheet for **MR209619A1V**

Mouse Jak1 (BC031297) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Jak1 (BC031297) AAV Particle
Tag:	Myc-DDK
Symbol:	Jak1
Synonyms:	MGC37919, C130039L05Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209619 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAACCACCTCAAGAAGCAGATCCTGCGCACGGACAACATAAGCTTTGTGCTGAAACGATGCTGTCAGC
 CTAAGCCTCGAGAAATCTCCAATCTGCTCGTAGCCACTAAGAAAGCCCAGGAGTGGCAGCCTGTCTACTC
 CATGAGCCAGCTGAGCTTTGATCGGATCCTTAAGAAAGATATTATACAAGGTGAGCACCTTGGCAGAGGC
 ACAAGAACACATATCTATTCTGGGACCCTGCTGGACTACAAGGATGAGGAAGGAATTGCTGAAGAGAAGA
 AGATAAAAGTGATCCTCAAAGTCCTAGACCCCAGCCACCGGGACATCTCTGGCCTTCTTTGAGGCTGC
 TAGCATGATGAGACAGGTTTCCACAAACATATAGTGTACCTCTACGGCGTGTGTGCCGAGATGTGAA
 AATATCATGGTGAAGAGTTTGTGGAGGGGGGCCGTTGGATCTTTCATGCACCGGAAAAGTGATGCGC
 TTAACACCCCTGGAAGTTCAAGTTGCCAAACAGCTGGCCAGTGCCCTGAGTTACTTGAAGATAAAGA
 CCTGGTTCATGGAATGTGTGCACTAAAACTCCTTCTGGCCCGTGAGGGCATTGACAGTGACATTGGC
 CCGTTCATCAAGCTTAGTGACCTGGCATCCCAGTCTCTGTGCTGACCAGGCAAGAGTGATAGAGCGAA
 TCCCTGGATCGCTCCTGAGTGTGTGAAGACTCCAAGAACCTGAGTGTGGCTGCTGACAAGTGGAGCTT
 TGGAACCACGCTCTGGGAAATCTGCTACAACGGAGAGATTCTCTCAAAGACAAGACCCTCATTGAGAAA
 GAGAGGTTTTATGAAAGCCGCTGCAGGCCTGTGACTCCATCTTGAAGGAGCTAGCTGACCTCATGACTC
 GCTGCATGAATATGACCCCAACCAGAGACCCTTCTCCGAGCCATCATGAGGGACATTAACAAGCTGGA
 GGAGCAGAATCCAGACATTGTTTCAGAAAAGCAGCCAACAACAGAGGTGGACCCCACTCACTTTGAAAAG
 CGGTTCTGAAGAGGATTCGTGACTTGGGAGAGGTCCTTTGGGAAGGTTGAGCTCTGCAGATATGATC
 CTGAGGGAGACAACACAGGGGAGCAGGTAGCTGTCAAGTCCCTGAAGCCTGAGAGTGGAGGTAACCACAT
 AGCTGATCTGAAGAAGGAGATAGAGATCTTACGGAACCTCTACCATGAGAACATTGTGAAGTACAAAGGA
 ATCTGCATGGAAGACGGAGGCAATGGTATCAAGCTCATCATGGAGTTTCTGCCTTCGGGAAGCCTAAAGG
 AGTATCTGCCAAAGAATAAGAACAAAATCAACCTCAAACAGCAGCTAAAATATGCCATCCAGATTGTAA
 GGGGATGGACTACTTGGGTTCTCGGCAATACGTTACCGGGGACTTAGCAGCAAGAAATGTCCTTGTGAG
 AGTGAGCATCAAGTGAAGATCGGAGACTTTGGTTTAACCAAAGCAATTGAAACCGATAAGGAGTACTACA
 CAGTCAAGGACGACCGGGACAGCCAGTGTCTGGTACGCTCCGGAATGTTAATCCAGTGTAATTTTA
 TATCGCCTCTGATGTCTGGTCTTTTGGAGTGACACTGCACGAGCTGCTCACTTACTGTGACTCAGATTTT
 AGTCCCATGGCCTTGTCTGAAATGATAGGCCCAACTCATGGCCAGATGACAGTGACACGGCTTGTGA
 ATACTCTGAAAGAAGGAAAGCGTCTGCCATGTCCACCCAAGTGCCTGATGAGGTTTATCAGCTTATGAG
 AAAATGCTGGGAATTCACCATCTAACCGGACAACCTTTTCAAGACCTTATTGAAGGATTGAAGCACTT
 TAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209619 protein sequence Red=Cloning site Green=Tags(s) MNHLKKQILRTDNISFVLKRCCQPKPREISNLLVATKKAQEWQPVYSMSQLSFDRILKKDIIQGEHLGRG TRTHIYSGTLLDYKDEEGIAEEKIKVILKVLDPShrdISLAFFEAASMMRQVSHKHIVLYGVCVRDVE NIMVEEFVEGGPLDLFMRKSDALTTPWKFKVAKQLASALSYLEDKDLVHGNVCTKNLLAREGIDSDIG PFIKLSDPGIPVSVLTRQECIERIPWIAPECVEDSKNLSVAADKWSFGTTLWEICYNGEIPLKDKTLIEK ERFYESRCRPVTPSCKELADLMTRCMNYDPNQRPFRAIMRDINKLEEQNPDIIVSEKQPTTEVDPTHFEK RFLKRIRDLGEGHFGKVELCRYDPEGDNTGEQVAVKSLKPESGGNHIADLKKEIEILRNLYHENIVKYKG ICMEDGGNGIKLIMEFLPSGSLKEYLPKNKNINLKQQLKYAIQICKGMDYLSRQYVHRDLAARNVLVE SEHQVKIGDFGLTKAIEDKEYYTVKDDRDSPVFWYAPECLIQCKFYIASDVWSFGVTLLHELLTYCDSDF SPMALFLKMIGPTHGQMTVTRLVNTLKEGKRLPCPPNCPDEVYQLMRKCWEFQPSNRRTTFQNLIEGFEAL LK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	BC031297
ORF Size:	1896 bp
Buffer:	PBS with 0.001% Pluronic F722
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>BC031297, AAH31297</u>
RefSeq Size:	2365 bp
RefSeq ORF:	1898 bp
Locus ID:	16451
Cytogenetics:	4 46.19 cM
MW:	72.7 kDa