

Product datasheet for **MC218193**

Jak1 (BC031297) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Jak1 (BC031297) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Jak1
Synonyms:	MGC37919, C130039L05Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC031297
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCACTCAAGAAGCAGATCCTGCGCACGGACAACATAAGCTTTGTGCTGAAACGATGCTGTCAGC
 CTAAAGCCTCGAGAAATCTCCAATCTGCTCGTAGCCACTAAGAAAGCCAGGAGTGGCAGCCTGTCTACTC
 CATGAGCCAGCTGAGCTTTGATCGGATCCTTAAGAAAGATATTATACAAGGTGAGCACCTTGGCAGAGGC
 ACAAGAACACATATCTATTCTGGGACCCTGCTGGACTACAAGGATGAGGAAGGAATTGCTGAAGAGAAGA
 AGATAAAAGTGATCCTCAAAGTCTAGACCCAGCCACCGGGACATCTCTCTGGCCTTCTTTGAGGCTGC
 TAGCATGATGAGACAGGTTTCCACAAACATATAGTGTACCTCTACGGCGTGTGTGTCGAGATGTGAA
 AATATCATGGTGAAGAGTTTGTGGAGGGGGGCCGTTGGATCTTTCATGCACCGGAAAAGTGATGCGC
 TTAACACCCCTGGAAGTTCAAGTTGCCAAACAGCTGGCCAGTCCCTGAGTACTTGGAGATAAAGA
 CCTGGTTCATGGAATGTGTGCACTAAAACTCCTTCTGGCCGTGAGGGCATTGACAGTGACATTGGC
 CCGTTCATCAAGCTTAGTGACCTGGCATCCAGTCTCTGTGCTGACCAGGCAAGAGTGATAGAGCGAA
 TCCCTGGATCGCTCCTGAGTGTGTTGAAGACTCCAAGAACCTGAGTGTGGCTGTGACAAGTGGAGCTT
 TGGAAACACGCTCTGGGAAATCTGCTACAACGGAGAGATTCTCTCAAAGACAAGACCCTCATTGAGAAA
 GAGAGGTTTTATGAAAGCCGCTGCAGGCCTGTGACTCCATCTTGAAGGAGCTAGCTGACCTCATGACTC
 GCTGCATGAACTATGACCCCAACCAGAGACCCTTCTTCCGAGCCATCATGAGGGACATTAACAAGCTGGA
 GGAGCAGAATCCAGACATTGTTTCAGAAAAGCAGCCAACAACAGAGGTGGACCCCACTCACTTTGAAAAG
 CGGTTCTGAAGAGGATTCGTGACTTGGGAGAGGGTCACTTTGGGAAGGTTGAGCTCTGCAGATATGATC
 CTGAGGGAGACAACACAGGGGAGCAGGTAGCTGTCAAGTCCCTGAAGCCTGAGAGTGGAGGTAACCACAT
 AGCTGATCTGAAGAAGGAGATAGAGATCTTACGGAACCTCTACCATGAGAACATTGTGAAGTACAAGGA
 ATCTGCATGGAAGACGGAGGCAATGGTATCAAGCTCATCATGGAGTTTCTGCCTTCGGAAGCCTAAAGG
 AGTATCTGCCAAAGAATAAGAACAAAATCAACCTCAAACAGCAGCTAAAAATGCCATCCAGATTTGTAA
 GGGGATGGACTACTTGGGTTCTCGGCAATACGTTACCGGGACTTAGCAGCAAGAATGCCTTGTGAG
 AGTGAGCATCAAGTGAAGATCGGAGACTTTGGTTAAACCAAGCAATTGAAACCGATAAGGAGTACTACA
 CAGTCAAGGACGACCGGGACAGCCAGTGTCTGGTACGCTCCGGAATGTTAATCCAGTGTAAATTTTA
 TATCGCCTCTGATGTCTGGTCTTTGGAGTGACACTGCACGAGCTGCTCACTTACTGTGACTCAGATTTT
 AGTCCCATGGCCTTGTCTGAAAATGATAGGCCAACTCATGGCCAGATGACAGTGACACGGCTTGTGA
 ATACTCTGAAAGAAGAAAGCGTCTGCCATGTCCACCAACTGTCTGATGAGGTTTATCAGCTTATGAG
 AAAATGCTGGGAATTCACCATCTAACCGGACAACCTTTTCAGAACCTTATTGAAGGATTTGAAGCACTT
 TAAAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC031297

Insert Size: 2283 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC031297](#), [AAH31297](#)

RefSeq Size: 2365 bp

RefSeq ORF: 1898 bp

Locus ID: 16451

Cytogenetics: 4 46.19 cM