

Product datasheet for **MC219846**

Jakmip1 (NM_178394) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Jakmip1 (NM_178394) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Jakmip1 |
| Synonyms: | 5830437M04Rik; C330021K24Rik; Gababrbp; Marlin-1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC219846 representing NM_178394
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCAAAAAGGGCCGAGCAAGGGGACAAGCCCGAGGCGGAGACGGACTCTGTGCAGATGGCTAATG
 AAGAGCTGCGCGCAAGCTGACCAACATCCAGATTGAGTTCCAGCAGGAGAAGAGCAAGGTGGGGAAGCT
 GCGGGAGCGTCTGCAGGAGGCCAAGCTGGAGCGGAGCAGGAGCAGCGTGCACACCCGCTACATCTCG
 GAACTCAAGGCCAAGCTGCACGAGGAGAAGACGAAGAACTGCAGGCGCTGCGGAGGCGCTCATCCGGC
 AGCAGCAGCAGGAGGCGCGGACCGCAAGATCAAGGAAGGTGAGCTGCAGCGGCTGCAGGCCACGCT
 GAATGTGCTGCGCGATGGCGCCGACAGCAAAAGTCAAGACTGCATTGCTGGCCGACGCGCGGAGGAGGCG
 CGCAGGACCTTTGATGGCGAGCGCCAGCGGCTGCAGCAGGAGATCCTGGAGCTGAAGGCTGCGCGCAAA
 AGCGGAAAGGGCACTCAGTAACTGCATGCAGGCAGACAAGGCCAAAGCCCGGACTGCGCGCTGCGTA
 CCAGGCGCACAGGATGAGGTGCACCGCATCAAGCGGGAGTGCAGAACGTGACATCCGAGACTGATGGAC
 GAGATCAAAGGGAAGGAGCGGGTATCCTGGCCCTGGAGAAGGAGCTTGGTGTGCAAAACCGGCAGACCC
 AGCGGCTGCTGTTACAGAAGGAGGCTCTGGATGAGCAGCTGGTCCAGGTCAAGGAGGCAGAACGCCACCA
 CAGCAGCCCAAAGAGGGAGCTTCTCTGGCATTGGTGACATGGCGGAGCTTATGGGTGGCCAGGATCAA
 CATATGGATGAGCGAGATGTGAGGCGATTTCAACTGAAAATTGCTGAACTGAATTCAGTGATTCGGAAGC
 TAGAGGACAGGAACCCCTGCTGGCTGACGAGAGGAACGAACGTGAAGCGCTCTCGGGAGACGGAGGT
 GCAGCTGAAGCCGCTGGTGGAGAAGAACAACGCATGAACAAAAAGAACGAGGAGCTGCTGCACAGCATC
 CAGAGGATGGAGGAGAAGCTCAAGAGCCTCACGAGGGAGAACGTGGAGATGAAAGAAAAGCTGCTGCTC
 AGCCCTCGCTAAAGCGACACAGCTCCCTGAATGACCTCAGTCTGACCAGGGACGAGCAGGAGATAGAGTT
 CCTGAGGCTGCAGGTGCTGGAACAGCAGCATGTCATCGATGACCTCTCTGGAGAGAGAACGCCTGCTG
 CGCTCAAAGAGGCATCGAGGGAAGAGCCTGAAGCCCCCAAGAAGCATGTTGTGGAGACATTTTTTGGAT
 TTGATGAGGAGTCCGTGGACTCTGAAACATTGTCCGAGACGCTCCTACAACACGGACAGGACAGACCGGAC
 CCCAGCCACGCCGAAGAGGACTTAGATGAGACCAACCAAGAGAGGCTGACCTGAGGTTCTGCCAG
 CTGACCAGGGAGTACCAGGCTCTGCAGAGGGCTTATGCCCTGCTTCAGGAGCAGGTTGGGGGACACTGG
 ATGCTGAAAGGGAGGCCCGGACTCGGGAGCAGCTTCAGGCCGACCTGCTGAGGTGCCAGGCCAAAATCGA
 GGACTTAGAGAAGCTGCTGGTTGAGAAGGGACAGGACGCTGCGTGGGTAGAGGAGAAGCAGTACTCATG
 AGGACAAAACAGGACCTGCTGGAGAAGATTTACAGACTGGAGATGGAGGAGAACCAGCTAAAGAGCGAAA
 TGAAGACGCCAAGGACCAAGAGCTGTTAGAATTCAGAGTGCTAGAAGTGAAGTAAAGAGACTCTAT
 CTGTTGTAAGCTCTCAAACGGAGCAGACATTCTTTGAGCCCAAAGTGAATTCATG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_178394

Insert Size: 1881 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: [NM_178394.4](#), [NP_848481.2](#)

RefSeq Size: 2382 bp

RefSeq ORF: 1881 bp

Locus ID: 76071

UniProt ID: [Q8BVL9](#)

Cytogenetics: 5 B3

Gene Summary: Associates with microtubules and may play a role in the microtubule-dependent transport of the GABA-B receptor. May play a role in JAK1 signaling and regulate microtubule cytoskeleton rearrangements.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.