

Product datasheet for **RN203041**

Jakmip2 (NM_001107391) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Jakmip2 (NM_001107391) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Jakmip2 |
| Synonyms: | RGD1559742 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN203041 representing NM_001107391
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGTCCAAAAAGGACGAAATAAGGGCGAGAAGCCCGAGGCACTATTGTGCCCTTCAAGCTGCCAATG
AAGACCTCAGGACCAAACCTCACAGACATTCAGATAGAACTTCATCAAGAGAAATCCAAGGTATCAAAGCT
TGAAAGAGAGAAGACTCAAGAAGCAAAGAGGATTCGTGAGCTGGAGCAGCGCAAACACACAGTCCTGGTG
ACAGAGCTTAAAGCCAAGCTCCATGAGGAGAAGATGAAGGAGCTGCAGGCTGTGAGGGAGAATCTCATCA
AGCAACATGAGCAGGAAATGTCAAGGACAGTGAAGGTGCGGGATGGAGAGATTCAGAGACTCAAGTCCGC
TCTGTGTGCTCTCCGGATGGCAGCAGTGACAAAGTAAGGACAGCACTACCATTGAGGCCCGGGAGGAG
GCCAGGAAACAGTTTCGATGCAGAGCGCTGAAGCTCCTGCAGGAAATTACAGACTTAAAAACCGCCAAGA
AGCAGGTGGATGAGGCTCTGAGCAATATGATCCAAGCGGATAAAATCAAGGCTGGGGACCTTAGGAGTGA
GCATCAGTCCCACCGAAGCCATCTCGAAGATCAAGTGGGAATCGGAACGGGATATACGAAGGCTGATG
GATGAAATCAAAGCCAAGGACAGGATCATCTTCTCCCTGGAAAAAGAACTGGAGACTCAGACAGGCTATG
TACAGAACTCCAGCTACAGAAAGAGGCTTTGGATGAGCAGCTCTTCTTGTCAAGGAGGACAGGTGTA
CATGAGCAGTCCGAAGAGAGAGATTCCAGGAAGGGCAGGGGATGGCTCTGAACACTGCAGCAGCCCGGAT
TTGCGAAGAAATCAAAGAGAATAGCCGAATTGAATGCCACTATACGAAAGTTAGAAGACAGGAACACCT
TGCTCGGAGATGAACGAAACGAGTTGTTAAAACGTGTGCGGGAAACTGAAAAACAATGCAAACTCTCCT
GGAAAGGAACAAGTGCCTAGCCAAGAGAAACGATGAAGTATGGTATCTCTACAACGCATGGAAGAGAAA
TAAAAAGCCATAACCAAGGAAAAATTCAGAGATGAGAGAGAAAAAATACGTCTCACCCACCTTAGAAGAAA
TGAAGTCTCTGAATGACCTTGATCAAGTAATGAAGAACAAGAGACGGAGTTTCTAAAACGCAGGTTCAT
TGAGCAGCAGAACATCATTGATGAGCTCACCAGGGATCGAGAAAAACTCATCCGTAGGAGAAAGCACAGG
AGAAGCTCGAAACCAATCAAGAGGCCTGTTTTAGATCCGTTTCATTGGCTATGATGAGGATTCGATGGATT
CAGAAACATCATCCATGACCTCCTTTAGAACAGACCGGACACCTGCTACCCCGGATGATGACTTGGATGA
AAGTCTAGCTGCTGAAGAATCTGAGCTACGATTTGACAATTAACAAAAGAATACCAAGCCCTCAAAGA
GCATATGCCCTCTTGAGGAAACAGACTGGAGGCATCATAGATGCTGAAAGAGAAGCCAAGGCACAAGAGC
AGCTCCAGGCAGAGGTGCTGAGGTACAGGGCCAAAATCGAAGATTTGGAAGCAACGCTGGCTCAGAAAGG
GCAGGATTCACACTGGTGAAGATAAAACAACCTTTTCATTAAGAGAAACCAGGAGCTTTTAGAAAAGATA
GAGAAGCAGGAAGCAGAGAATCACCGGCTACAGCAAGAAGTTCAGGATGCCAGAGACCAGAATGAGCTGC
TGGAGTTTCGCAACCTAGAACTAGAAGAGAGAGAGAGGCGATCCCTCCATTCAATCTACAAATCACCC
CTTCTCAGATGGTGTGAGTGCAGTGCAGATCTACTGCATGAAAGAAGGTGTCAAGGATGTCAACATCCCT
GATCTCATAAAGCAGCTTGATATCCTTGGTGACAACGGGAATCTAAGGAATGAAGAACAGGTGGCCATA
TTCAGGCCAGCACTGTGCTGTCCCTGGCAGAGAAGTGGATCCAACAAATGAAGGAGCAGAGGCTGCCCT
GCACCAGAAAAATGATGGAAGTGGAAAGTATGGAACAATTCGTAAAAATCAAAGGCTACCTGGAGGAA
GAACTAGACTACAGAAAACAGGCTCTTGACCAGGCATATATGAGAATCCAGGAAGTGAAGCTACTTTGT
ACAATGCTCTGCAGCAAGAACTGTGATCAAGTTCGGTGAAGTGAAGTGAAGCAGCAGCAAGAGGAGTT
GAGGACGGCTGTAGAAAAGTTACGGCGGCAAAATGCTGAGGAAGAGCCGGGAATATGACTGTCAGATCCTC
CAGGAGAGGATGGAGCTCTACAGCAAGCTCACCAGAGGATCCGTGACCTAGAAGATAAAACAGACATCC
AAAAACGGCAGATAAAGGACCTAGAAGAAAAGACCATCCAGCTGTGCGGTGCCATATTTTCTCACTTTC
CCTTGACTTGATGATAAAAAGCACAGGAAGTGCAGGAAGAAGCCAGAAGAAGTTCAGAATGAAAGCAAAC
TCCTGTCCACACCACAGTGCAGCAGGAGAATGGTCCAGTCACACCAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107391
Insert Size: 2574 bp

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| 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: | <ol style="list-style-type: none">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: | <u>NM_001107391.1</u> , <u>NP_001100861.1</u> |
| RefSeq Size: | 3497 bp |
| RefSeq ORF: | 2574 bp |
| Locus ID: | 307479 |
| Cytogenetics: | 18q11 |