

## Product datasheet for **SC114823**

### JAKMIP2 (NM\_014790) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	JAKMIP2 (NM_014790) Human Untagged Clone
Tag:	Tag Free
Symbol:	JAKMIP2
Synonyms:	JAMIP2; NECC1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_014790, the custom clone sequence may differ by one or more nucleotides

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ATGTCCAAGAAAGGGCGAAATAAGGGCGAGAAGCCCGAGGCACTCATTGTTGCCCTTCAAGCTGCCAATG
AAGACCTCAGGACCAAGCTCACAGACATTCAGATAGAGCTGCATCAAGAGAAGTCCAAGGTATCAAAGCT
TGAAAGAGAGAAGACTCAAGAAGCGAAGAGGATTCGTGAGCTGGAGCAGCGCAAGCACACGGTGCTGGTG
ACAGAACTCAAAGCCAAGCTCCATGAGGAGAAGATGAAGGAGCTGCAGGCTGTGAGGGAGAACCTTATCA
AGCAGCACGAGCAGGAAATGTCAAGGACGGTGAAGGTACGTGATGGAGAGATCCAGAGGCTCAAGTCTGC
TCTCTGTGCTCTCCGCGACGGCAGCAGTGACAAAGTAAGGACAGCGCTCACCATTTAGGCCCCGGGAGGAG
GCCCGGAAACTGTTTGACACAGAGCGCCTTAAGCTCTTACAGGAAATTGCGGACCTGAAAACGGCCAAGA
AGCAGGTGGACGAGGCTCTGAGCAATATGATCCAAGCAGATAAAATCAAGGCTGGGGACCTTCGGAGTGA
GCATCAGTCCCACCAAGAAGCCATCTCGAAGATCAAGTGGGAGTCGGAGCGGGATATTCCGAGGCTGATG
GATGAAATCAAAGCCAAGGACAGGATCATCTTTCCCTGGAAAAGGAACTGGAGACCCAGACAGGCTATG
TACAGAACTCCAACCTCAGAAGGAGGCTTTGGACGAACAACTCTTCTGGTCAAGGAGGCTGAGTGCAA
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TTGCGAAGAAATCAAAGAGAATAGCTGAATTGAATGCCACTATAAGAAAATTAGAAGACAGGAATACCT
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TAAATCTCTGAATGACCTCGACCAAGCTAATGAAGAACAAGAAACAGAGTTTCTAAAATTCAGGTCAT
TGAGCAACAGAACATTATTGATGAGCTCACAAGGGACCGAGAAAAGCTCATCCGTAGAAGAAAGCATAGA
AGAAGTTCCAAGCCAATTAAGAGCCCTGTTTTGGACCCGTTTATTGGCTATGATGAGGACTCTATGGATT
CAGAGACATCATCCATGGCCTCATTTAGAACAGACAGAACACCAGCTACTCCTGATGATGACTTGGATGA
AAGTTTAGCAGCTGAAGAATCTGAAGTAAAGATTCGACAATTAACAAAAGAAATATCAGGCCCTCCAAAGA
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AGCTCCAAGCAGAGGTGCTAAGGTATAAAGCCAAAATGAAGACCTGGAAGCGACTCTGGCTCAGAAAGG
GCAGGATTCACACTGGGTAGAAGATAAACAACCTTTTCATTAAGAGAAACCAGGAGCTTTTAGAAAAGATA
GAAAAACAGGAGGCAGAAAATCACCGGTTACAACAAGAACTACAGGACGCCAGAGACCAGAATGAGCTGC
TGGAGTTTCGAAACCTAGAGCTAGAAGAGAGAGAGACGATCCCCTCCATTTAATCTCAAATTCACCC
ATTCTCAGATGGTGTGAGTGCTCTACAGATCTACTGTATGAAAGAAGGTGTTAAGGATGTGAACATCCCT
GATCTCATAAAGCAGTTGATATCTTGGGTGATAATGGGAATTTAAGAAATGAAGAACAAGTGGCCATAA
TTCAGGCCAGCACTGTGCTGTCCCTGGCAGAGAAGTGGATCCAGCAGATTGAAGGAGCTGAGGCTGCCCT
ACACCAGAAAAATGATGGAATTGGAAAGTGACATGGAACAGTTCTGCAAAAATAAAGGCTATCTGGAGGAA
GAAGTACTACAGAAAACAAGCTCTTGACCAAGCATATATGAGAATCCAGGAAC TAGAAGTACTTTGT
ACAATGCTCTACAGCAAGAACTGTTATCAAGTTTGGTGAATTATTAAGTAAAAACAGCAAGAGGAGCT
GAGGACGGCAGTAGAAAAGTTACGGCGGCAATGCTGAGGAAGAGCAGAGAGTATGACTGTCAGATTCTT
CAGGAGAGAATGGAGCTTTACAGCAAGCCCATCAGAGAATTCGTGACTTAGAAGATAAAAACAGACATCC
AGAAAAGACAAAATAAAGACTTAGAAGAAAAGAGTAACCGAAAACATGGATAA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_014790 unedited            GTTCAAATTTGTAAACGACTCATATAGGGCGGCCGCAATTCGCACGAGGCTGCATCCGA            CTCGGTACAAGAAAATGGATTTCAGTTTGCATCTCTCCCTCCTTTAAACAGCTTCTCCGG            GTCTCAGCATGGGCTTCCAGGGCAGCGATTGAGGAGACCTTACCAAGGAGCACCACACAG            TAGATGCTGAGACATCGTACTCCAGGATAAGAAACAGTAACATGGCAGCACGAGCAGGAA            ATGTCAAGGACGGTGAAGGTACGTGATGGAGAGATCCAGAGGCTCAAGTCTGCTCTGTG            GCTCTCCGCGACGGCAGCAGTGACAAAGTAAGGACAGCGCTCACCATTGAGGCCCGGGAG            GAGGCCCGGAAACTGTTTGACACAGAGCGCCTTAAGCTCTTACAGGAAATTCGCGACCTG            ANAACGGCCAAGAAGCAGGTGGACGAGGCTCTGAGCAATATGATCCAAGCAGATAAAATC            AAGGCTGGGGACCTTCGGAGTGAGCATCAGTCCCACCAAGAAGCCATCTCGAAGATCAAG            TGGGAGTCGGAGCGGGATATTNCGGAGCTGATGGATGAAATCAAAGCCAAGGACAGGGAT            CATCTTCCCTGGNAAGGAACTGNAGACCCAGACAGGCTATGTACAGAACTCCCACTCC            AGAAGGAGGCTTTGGACGAACAACCTTTNCTGGTCAGGGGAGCTGAGTGNACATGAGC            AGCCANAAACGAGAAATCCCAGAAGGGCANGTATGGTTNCGAACACTGCAGCAGTCTCT            GATTTGCGAAGAAATCAAAGAGATAGCTGAATTGAATGCCCTTAAGAAAATTAGAGAC            AGGGATACCTTGCTTGGAGATGACGAAATGACTGTTTAACTGTGCGGGAAACCGAAAGC            AATGTAACCTTCTGAAAGGAACAGTGCCTCGGCAGAGAACGATG</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_014790 unedited            NTTTTACTATGNCCGCGGCCGAATCTANATCGAGTTTTTTTTTTTTTTTTTTTCAAATGA            AACATTTTATTGTAAATAGCTCTTCATAGGTATTCCTCGTGCTTCACTCCCCACCCACC            TTGTTTTTTTTGTTTGTGTTTGGATCTTTTAAATGATGTTTATTATCAGGACTAGTG            TTTCCATGGGGTGTGGTGTACATTAATAATGACCCCCCTGCACAGCAGGGGTTGAATATT            TCATTGTAACCTTTGGTTCATGCCCCAAGACACATCTTTGCTTGATCTGCAGAAACTAGTT            CCATTGCTGAACCTTTTCTTTACACAATATATGTTTATAGTTCTTCTCTCTGATTTGAC            ATATACATGTTTCATTAATGCAGCATATATTGTAGATTTTCAACAGGGTGTGTAGGAA            CTGTCAAGTAAGAAACCTTGAATAATGGCTTTAAAATACACAGTTGTAGTCTGGCTACA            GGGTAGTCTTAGCTTTTATCTCCCTCTCACTGGTGTAAACAATTTGCCATCTTTGAA            GGTTTAGAAGCACTTGTCTTCTGGGATCTTATCCATGTTTTCGGTTACTCTTTAAGAGG            CACCTTGACATCAAGGCCATAGAATAAAGGCAAGAGAGAAGAACAAGAATTAGAACAGAA            ACTTTTCTTAAGTCTTTTATTTGCCTTTTCTGGATGCCTGTTTTATCTTCTAGTCACG            AATTCTCTGATGGCTTGTGTAAGAGCTCCATTCTCTCTGAAGATTCTGACAGTCATA            CTCTCTGCTCTTCTCACATTTGCCGCCGTAACCTTTTCTACTGCCGCTCCTCAGCTCCTCT            TGCTGTTTTTCACTTAATAATCCACCAAACCTTGATACAGNTTCTTGCTGTAAG</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014790
<b>Insert Size:</b>	3000 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_014790.3](#), [NP\\_055605.2](#)

**RefSeq Size:** 3357 bp

**RefSeq ORF:** 2433 bp

**Locus ID:** 9832

**UniProt ID:** [Q96AA8](#)

**Cytogenetics:** 5q32

**Gene Summary:** The protein encoded by this gene is reported to be a component of the Golgi matrix. It may act as a golgin protein by negatively regulating transit of secretory cargo and by acting as a structural scaffold of the Golgi. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]  
Transcript Variant: This variant (3) lacks an alternate in-frame exon in the coding region compared to variant 1. The resulting isoform (3) is shorter and has a distinct C-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.