

Product datasheet for **RN217257**

Jakmip3 (NM_001163277) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Jakmip3 (NM_001163277) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Jakmip3
Synonyms:	Necc2; RGD1307177
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217257 representing NM_001163277

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGTCAAAGAAGGGTGCAGGCAGCCGGGCCAAGGGGGACAAAGCAGAGACACTCGCTGCATTGCAGGCTG
 CCAACGAGGAGCTGCGAGCCAAGCTCACGGACATCCAGATCGAGCTGCAGCAGGAGAAGACAAGGTCAG
 CAAAGTTGAGCGGGAGAAGAGCCAGGAGCTAAAGCAGGTACGTGAGCACGAGCAGCGTAAGCACGCCGTC
 CTGGTCACGGAGCTCAAGACCAAGCTGCACGAGGAGAAGATGAAGGAGCTGCAGGCCGTGCGGGAGGCGC
 TGTTCGCGCAGCACGAGGCCGAGCTGCTGAGGGTCATCAAGATTAAGGACAATGAGAACCAGCGGCTGCA
 GGCCTTGCTCAACACCCTGCGGGATGGCGCGCCGACAAGGTGAAGACCGTGCTCCTGTGCGAGGCAAAAG
 GAGGAGGCCAAGAAGGGTTTGAGGTGGAGAAGGTCAAGATGCAGCAAGAGATCTCAGAGCTCAAGGGGG
 CCAAGAAGCAGGTGGAGGAGCATTGACCATGGTCATCCAGGCCGACAAGATCAAGGCTGCGGAGATCAG
 GAGTGTCTACCATCTGCACCAGGAAGAAATCACCCGGATCAAGAAGGAGTGTGAGCGTGAGATCCGCAGG
 CTGATGGAGGAGATAAGATTTAAAGACAGAGCAGTCTTCGTGCTGAAAGAGAGTTAGGGGTTCAAGCCG
 GGCATGCCAGAGACTGCAGCTCCAGAAAGAGGCTCTAGATGAGCAGCTTCCCAGGCCAAAGAGGCTGA
 GCGGCAACCCAGGCAGCCCGAGCGGAACTTCCTTATGCAAGCGGTGCAGGAGACGCCTCAGACCACTCA
 GGAAGCCCTGAACAGCAGTTGGACGAAAAGGACGCCAGGCGCTTCCAACCTAAAAATCGCGGAGTTAAGTG
 CCATCATCCGTAAGCTGGAAGACCGCAACGCCTTGCTGTCTGAAGAGAGGAATGAGCTGTAAAGCGGCT
 GAGAGAAGCTGAAAGCCAGTACAAGCCGTTGCTGGATAAGAACAAGCGCCTTACTCGGAAAAATGAAGAC
 TTGTCTCACACCCTGCGGCGCATAGAGAGCAAGTTGAAATTTGCTACTCAGGAGAACATAGAAATGAGGC
 AGAGACAGGGATCATCCGGAGACCCAGCTCCTTAAATGACCTTGATCAAAGTCAAGATGAGAGAGAGAT
 TGACTTCCTAAAGCTCCAGATTGTGGAGCAGCAGAACCCTCATTGATGAGCTTTCTAAGACCCTGGAGACA
 GCAGGCTATGTGAAGAGTGTGTTGGAGCGTGATAAGCTGTTGAGGTATCGGAAACAAAGAAAGAAATGG
 CGAAGCTCCCCAAGCCAGTTGTCGTGGAGACCTTCTTTGGATATGATGAAGAAGCTTCCCTGGAGTCCGA
 TGGATCTTCCATTTCTTATCAAACCTGACAGGACGGATCAGACCCCATGCACCCCGAAGATGACCTAGAA
 GAGGGTATGGCCAAGGAGGAGACCGAGCTGAGGTTCCGGCAGCTGACCATGGAGTACCAGGCATTGCAGC
 GAGCCTACGCCTTGCTGCAGGAACAAGTTGGAGGGACCTGGATGCAGAGCGAGAAGTTAAGACCCGTGA
 GCAGCTGCAAGCAGAAATACAGAGAGCACAGACACGGGTGGAGGACCTGGAAGAGGCTCTGGCTGAGCAG
 GGCAGGATATGAAGTGGATCGAAGAGAAGCAAGCATTGTATCGACGGAATCAAGAGCTTGTAGAAAAGA
 TAAAACAAATGGAGACGGAGGAGCGCGGCTGAAGCATGAGGTCCAGGATGCAAAAGACCAGAATGAGCT
 GTTGGAATTCAGGATCCTGGAGCTCGAGGAGAGAGAGAGGAAGTCCCCAGCCATCAACTCCACCATACT
 CCTTTTGTGGATGGGAAGAGCCCCCTGCAGGTGTATTGTGAGGCTGAAGGTGTAACGGACATCCTGGTCA
 CAGAGCTGATGAAGAAGCTGGATATCCTGGGGGATAACGCCAATCTGACCAATGAGGAACAAGTGTTGT
 CATTCAAGCCAGGACAGTCTGACCTTGGCAGAAAAGTGCTCCAGAGGATTGAAGAGACGGAGTCAGCA
 CTACAGCGGAAAAATGGTAGATCTGGAGAGCGAGAAGGAGCTGTTCACTAAGCAGAAAGGCTACCTGGATG
 AGGAGCTGGATTACAGGAAGCAAGCCCTGGACCAAGCCCAAGCACATCCTGGAGCTGGAAGCCATGTT
 GTATGATGCCCTGCAACAGGAGGCCGGGGCCAAAGTGGCCGAGCTGCTGTGGAAGAAGAGCGTGAGAAG
 CTAAGGTGGCCGTGGAGCAGTGAAGCGTCAGGTCTAGCGAGCTGCGAGAGCGAGATGCACAGATCC
 TGAGAGAGCGCATGGAGCTGCTACAGATTGCACAGCAGAGAATTAAGGAGTTAGAAGAAAGAAATAGAAAC
 CCAGAAGAGACAAATAAAGGAGCTGGAAGAAAAGTTTTTATTTTGTCTTGTCTTCTCCCTAGCTTTC
 ATTCTCTGGTCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001163277

Insert Size:

2535 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001163277.1, NP_001156749.1</u>
RefSeq Size:	5964 bp
RefSeq ORF:	2535 bp
Locus ID:	365380
Cytogenetics:	1q41