

Product datasheet for **SC215066**

JIP3 (MAPK8IP3) (NM_015133) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	JIP3 (MAPK8IP3) (NM_015133) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAPK8IP3
Synonyms:	JIP-3; JIP3; JSAP1; NEDBA; syd; SYD2
ACCN:	NM_015133
Insert Size:	1523 bp



[View online »](#)

Insert Sequence: >SC215066 3'UTR clone of NM_015133
 The sequence shown below is from the reference sequence of NM_015133. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGTGGCAGGTGTCTACACCCCGAGTGAAGCTGCTGCCCTGCCCTGGCCCGACCTGTACATAGGACCC
CCGACCACCTGACCCCGCCCGGCCGCGGGGTAGCCAGCCAGGCGCCGCGCCCTCTTCTAACCTCT
CAACCTGCAGCTTTCACCTGAGTCTGGCCCTCCAGCGGGCAGGGAGTGCGGGGATGCGGATCAGCTGG
GAGGAGGAGGGGAGGGAACTTCCACCCGAGGGGAAGATGCTCTCGGGACAGTTTCCCGGCAGCTCCT
GGCCAGCTTCCAGCCAGAGTCTCAAGTCCAGGGCACCTTGGGCCAGCGCAGGCAGAATCCGAGGTG
GTCCTGGCTTACCTGGGCCTCTACTCCCAGCACCCCTGGAGGAGCAGGGGCTCCCGCCGCCGA
GGCTGCCTGCCCTGGGCCACCTCTGCATGCTGCTCATGGGGCCACCCTGCCTCTGGGCCCTACTCT
GCCTAGGGGAGCTGGGCCAGGCACTAGCCTTTGCCAGGGAGGTGGGCCCTCAGGCTGCCAGGTGCCTG
CACCCAGCCGGCCTTCTCTGGGCCTCCCGTGTCAAGCCTCTATCCTGTCTGTCCCCACCCAGCT
GTCCCTGCCAGGGAGCTGGCATAAAAGCACAGGCCCCGGCTCCCTGGGGCAGCTGCTTGAACAGA
GACTGCTACCCCATCTGCCATGCAGGCAGGCTCTTGCCAGCCCGTTCTGACCCGTGTCCCCCAGG
CTCTGCCTGGGCAGAAGACTCACCTTGGAGGAGTGGGCCCTGGAGTCTGTCCCTCCCAGAAGCCCCCA
GGGTGGGATTTCTCAGGCTGCCAGGGCAGGCCAGGCCTCAGGAAGAAGGGGAGGGCCCTGGCCTCTCC
GGGATCAGTCTTAGACACAGGCTCAGCCTCAGTTGATGGGGATGATGTGCTCCCGGGCCTGCCTC
CTGCACGGGGCTCCACGGAGCCAGCTCCAGACACGCTACTAAGTGCCTAGGGTTGCCCGCTGTGGCC
TGCTTCCAGGGAGCAACAGAGAGGCCACCAAGCAGAGGCCCGTGGGGCTGAGGATGGAGCCGCCCCAG
CCGACTCCAAGCCCGCAGAGGGCAGACGCCACCCTGGACTGCTCTCCCTGCCAGCTGGGCCTCTTGG
CCTATTCTACCTTCCAGGCCACTGCACTCCTGTCTGGGAGGCCCTTATGAGGGCAGCCAGCCCCCG
CACCCACCCCAACCAGAGAAGCACAGATCTTGGGGAGCTGCCCAACAAGCCCGCTGGCCACCGAGGG
CTGCAGCCGCTGCGCTGCCGGCTTCTCCCACCACCTGCCACCTCCACTGTGATGTATGTCGGCTCCC
TCGTCTGTTCCCCCAGGATCTCGAAGTACTCCGGGCTGAGCAGTGGGGCGGCTGGGGGAGGGGTGACG
ATTCTCTCAGGCTTTGGCCCTGCAAGCAAACCCACATATCTGCTCTGTATGTAATAAATGTCTTAACG
TCGTA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_015133.5](#)

Summary:

The protein encoded by this gene shares similarity with the product of *Drosophila* *syd* gene, required for the functional interaction of kinesin I with axonal cargo. Studies of the similar gene in mouse suggested that this protein may interact with, and regulate the activity of numerous protein kinases of the JNK signaling pathway, and thus function as a scaffold protein in neuronal cells. The *C. elegans* counterpart of this gene is found to regulate synaptic vesicle transport possibly by integrating JNK signaling and kinesin-1 transport. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]

Locus ID:

23162

MW:

53.5