

Product datasheet for **SC215065**

JIP3 (MAPK8IP3) (NM_001040439) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	JIP3 (MAPK8IP3) (NM_001040439) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAPK8IP3
Synonyms:	JIP-3; JIP3; JSAP1; NEDBA; syd; SYD2
ACCN:	NM_001040439
Insert Size:	1523 bp



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Insert Sequence:	<p>>SC215065 3'UTR clone of NM_001040439 The sequence shown below is from the reference sequence of NM_001040439. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTGTGGCAGGTGCTACACCCCGAGTGAAGCTGCTGCCCTGCCCTGGCCCGACCTGTACATAGGACCC CCGACCACCTGACCCCGCCCGGCCGCGGGGTAGCCAGCCAGGCGCCGCGCCCTCTTCTAACCTCT CAACCTGCAGCTTTCACCTGAGTCTGGCCCTCCAGCGGGCAGGGAGTGCGGGGATGCGGATCAGCTGG GAGGAGGAGGGGAGGGAACTTCCACCCGAGGGGAAGATGCTCTCGGGACAGTTTCCCGGCAGCTCCT GGCCAGCTTCCAGCCAGAGTCTCAAGTCCAGGGCACCTTGGGCCAGCGCAGGCAGAATCCGAGGTG GTCCTGGCTTACCTGGGCCTCTACTCCCAGCACCCCTGGAGGAGCAGGGGCTCCCGCCGCCGA GGCTGCCTGCCCTGGGCCACCTCTGCATGCTGCTCATGGGGCCACCCTGCCTCTGGGCCCTACTCT GCCTAGGGGAGCTGGGCCAGGCACTAGCCTTTGCCAGGGAGGTGGGCCCTCAGGCTGCCAGGTGCCTG CACCCAGCCGGCCTTCTCTGGGCCTCCCGTGTCAAGCCTCTATCCTGTCTGTCCCCACCCAGCT GTCCCCTGCCAGGGAGCTGGCATAAAAAGCACAGGCCCGGCTCCCTGGGGCAGCTGCTTGAACAGA GACTGCTACCCCATCTGCCATGCAGGCAGGCTCTTGCCAGCCCGTTCTGACCCGTGTCCCCCAGG CTCTGCCTGGGCAGAAGACTCACCTTGGAGGAGTGGGCCCTGGAGTCTGTCCCTCCCAGAAGCCCCCA GGGTGGGATTTCTCAGGCTGCCAGGGCAGGCCAGGCCTCAGGAAGAAGGGGAGGGCCCTGGCCTCTCC GGGATCAGTCTTAGACACAGGCTCAGCCTCAGGTTGATGGGGATGATGTGCTCCCGGGCCTGCCTC CTGCACGGGGCTCCACGGAGCCAGCTCCAGACACGCTACTAAGTGCCTAGGTTGCCCGCTGTGGCC TGCTTCCAGGGAGCAACAGAGAGGCCACCAAGCAGAGGCCCGTGGGGCTGAGGATGGAGCCGCCCCAG CCGACTCCAAGCCCGCAGAGGGCAGACGCCACCCTGGACTGCTCTCCCTGCCAGCTGGGCCTCTTGG CCTATTCTACCTTCCAGGCCACTGCACTCCTGTCTGGGAGGCCCTTATGAGGGCAGCCAGCCCCCG CACCCACCCCAACCAGAGAAGCACAGATCTTGGGGAGCTGCCCCACAAGCCCGCTGGCCACCGAGGG CTGCAGCCGCTGCGCTGCCGGCTTCTCCCACCACCTGCCACCTCCACTGTGATGTATGTCGGCTCCC TCGTCTGTTCCCCCAGGATCTCGAAGTACTCCGGGCTGAGCAGTGGGGCGGCTGGGGGAGGGGTGACG ATTCTCTCAGGCTTTGGCCCTGCAAGCAAACCCACATATCTGCTCTGTATGTAATAAATGTCTTAACG TCGTA ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-Mlul
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_001040439.2

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