

Product datasheet for **SC303959**

JIP2 (MAPK8IP2) (NM_012324) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JIP2 (MAPK8IP2) (NM_012324) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAPK8IP2
Synonyms:	IB-2; IB2; JIP2; PRKM8IPL
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_012324, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGATCGCGCGGAGATGTTTTCTCTCTCCACCTTCCACTCGCTGTCGCCGCCGGGC
TGCAGGCCTCCCCAGGACATAAGCCTGGAAGAATTTGACGACGAAGATCTGTCTGAGATC
ACTGATGACTGTGGCCTGGGCCTCAGCTACGACTCAGACCACTGTGAGAAGGACAGCCTC
TCCCTGGGGCGCTCGGAGCAGCCGACCCCATCTGCTCCTTCCAGGATGACTTCCAGGAG
TTTGAGATGATCGATGACAATGAAGAGGAGGACGATGAGGACGAGGAAGAGGAGGAGGAG
GAGGAGGAGGGAGATGGGGAAGGCCAGGAGGGAGGAGACCCTGGCTCAGAGGCACCTGCC
CCCGGGCCCTTATCCCCTCCCCTTCCGTGGAGGAGCCCCACAAGCACCGGCCACCACC
CTCCGTCTGACCACACTGGGGGCCAGGACTCCCTAAACAACAACGGAGGCTTTGACCTG
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CGCCCGGTTGCGACTGCGAAGGGAACCGGCCTGCGGAACCCCTGCGCCAGGGGGGACT
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GGCGCGCCCTGGGGCGCATGATCTCGTCCATCTCGGAGACGGAGCTGGAGCTGAGCAGC
GATGGCGGAAGCAGCAGCAGCGCCGCTCCTCGCACCTACCAACTCCATCGAGGAGGCC
TCGTGCGCCGCTCGGAGCCGGAGCCCCCGCGGAACCCCGCGCCGCCCGCCTTCTG
CCCGTGGGCCCGACGACACCAACAGCGAGTACGAGTCGGGGTCGGAGTCGGAGCCGGAC
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CCCACGCGTGACACCATACGCCGCTGTGGGCCGCGCCGGCCGCGCCCGCCCGGGA
CGAGCCTGCTCCGCCCTGCTCCGAGGAGGAGGACGAAGAGGACGACGAGGAAGAGGAG
GATGCCGAGGACAGTGGGGGTCCCCGGGGGAGGGGCACGGGCCCTCGGCGCCGCGG
GACGCGTGTGGTGTACGACGCGGTCAAGTACACGCTGGTGGTGGATGAGCACACGCG
CTGGAGCTGGTGAACCTGCGGCGCTGTGCTGGGCTGGGCCACGACAGCGAAGAGGACAGC
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GGGACACCTCGCCGACAGCCCTGACCTCACTTTCTCCAAGAAGTTCTCAATGTCTTC
GTCAACAGCACATCTCGTCTCCAGCACCAGTCCCTTTGGCCTTTTCTCCTGTCTGGTC
AACGGCGAGGAGCGAGAGCAGACTACCCGGCTGTGTTACAGTTTCATCCCGCGGCATCCA
GACGAGCTGGAGCTGGATGTGGATGACCCTGTGTTGGTGGAGGCCGAGGAGGACGACTTC
TGGTTCGGTGGCTTCAACATGCGCACGGGGGAGCGCGGTGTGTTTCTGCCTTCTACGCC
CATGCGGTGCCCGGCCCTGCCAAGGACCTGCTGGGGAGTAAGCGGAGCCCTGCTGGGTG
GAGCGCTTTGACGTGCAGTTCTGGGCTCCGTGGAGGTGCCCTGCCACAGGGCAACGGC
ATCCTGTGTGCAGCCATGCAGAAGATTGCCACTGCCCGAAACTGACCGTCCACCTGCGC
CCTCCTGCCTCCTGTGACCTCGAGATCTCTTTCGGGGGTCAAGCTGAGTCTGAGCGGA
GGAGGGCCCGAGTCCAGCGCTGCAGCATTCTTCCAGATGAAGAACATCTCCTTCTGC
GGTGCATCCCCGCAACAGCTGCTATTTGCGTTCATACCAAACACCCCTGCTGAGC
CGCTTCGCTGCCACGTCTTTGTCTCCAGGAGTCCATGAGGCCGGTGGCGCAGAGTGTG
GGCCGCGCCTTCTGGAGTACTACCAAGAGCACCTGGCGTACGCTGCCCCACGGAGGAC
ATCTACCTGGAGTAG

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Restriction Sites: Please inquire
ACCN: NM_012324

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_012324.2 , NP_036456.1
RefSeq Size:	3414 bp
RefSeq ORF:	2475 bp
Locus ID:	23542
UniProt ID:	Q13387
Cytogenetics:	22q13.33
Protein Families:	Druggable Genome
Protein Pathways:	MAPK signaling pathway
Gene Summary:	This gene encodes a scaffold protein that is thought to be involved in the regulation of the c-Jun amino-terminal kinase signaling pathway. This protein has been shown to interact with and regulate the activity of MAPK8/JNK1 and MAP2K7/MKK7 kinases. [provided by RefSeq, Jun 2017]