

Product datasheet for **SC203014**

JNK1 (MAPK8) (NM_139046) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	JNK1 (MAPK8) (NM_139046) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAPK8
Synonyms:	JNK; JNK-46; JNK1; JNK1A2; JNK21B1/2; PRKM8; SAPK1; SAPK1c
ACCN:	NM_139046
Insert Size:	2000 bp



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Insert Sequence: >SC203014 3'UTR clone of NM_139046
 The sequence shown below is from the reference sequence of NM_139046. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCTCTCCTTTAGCACAGGTGCAGCAGTGATCAATGGCTCTCAGCATCCATCATCATCGTCTGTGCA
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CTGGGCCCTCTGGGCTGCTGTAGATGACTACTTTGGGCCATCGGGGGTGGGAGGGATGGGAGTCTGGTTA
GTCATTGATAGAATACTTTGAAAAAATTCAAGTGGTCTTATTTTTGGGTGATTTTTCAAAAAATGTAG
AATTCATTTTGTAGTAAAGTAGTTATTTTTTTAATTTCAAGTGTAAATTTAAACCTAAGTTGTG
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GTAAGATTTTGTATCAAGCAACTATTATGTGGTGACTTGCCTATATCATGAATTTAAGATTTT
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TTATCAATGAAATAACCCAGAGGAGTGAGGGAAAATAACTTGTAGCCAGTTATATTCAGGAATAACTA
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TACCTAGATTTGTAGGTGATGTATCAAATGAGCAATATACCGTTCATCTGAAAATAGTAGCACACAG
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CTCTATTACTGAACTTTTCTAAGTAAAATGTCTTTGAAGTCTCGTTATTTCTGAAATACGTTGTCTGT
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AGGTGCGGCTCAACATGCAATGTCTGAAAATTTGCTTGGCATTATTTATCATATATTTAGTGCAAAATTA
TTTTTGAGTGAGATATTTTACATCACTGTTAATGTGCAATATTTAAGATTTAAATACATTAGCTTTTTT
ATATACTTTGAAGTAGCAAGTTTGTTCGATGGCTTAGAGTCATGATTTCCAGCTTCCCAGCCTTTTT
ATCAGTCCCTTTTCTAATACAACAAGGTGCATTAATTTGATTAGGCAAATTAGAGTTCTAAGACACTT
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_139046.4](#)

Summary:

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor-necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Apr 2016]

Locus ID:

5599

MW:

78.4