

Product datasheet for **SC200789**

JNK1 (MAPK8) (NM_139047) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	JNK1 (MAPK8) (NM_139047) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAPK8
Synonyms:	JNK; JNK-46; JNK1; JNK1A2; JNK21B1/2; PRKM8; SAPK1; SAPK1c
ACCN:	NM_139047
Insert Size:	141 bp
Insert Sequence:	>SC200789 3'UTR clone of NM_139047 The sequence shown below is from the reference sequence of NM_139047. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCAGCTGGGCCTCTGGGCTGCTAGATGACTACTTGGCCATCGGGGGTGGGAGGGATGGGGAGTCG GTTAGTCATTGATAGAACTACTTTGAAAACAATTCAGTGGTCTTATTTTTGGGTGATTTTTCAAAAAAT GTA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_139047.1</u>



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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:

4.9