

Product datasheet for **SC203929**

MAP3K10 (NM_002446) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MAP3K10 (NM_002446) Human 3' UTR Clone
Symbol:	MAP3K10
Synonyms:	MEKK10; MLK2; MST
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002446
Insert Size:	313 bp
Insert Sequence:	>SC203929 3'UTR clone of NM_002446 The sequence shown below is from the reference sequence of NM_002446. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CCCCTGTGCGGGGCCACGGCTCCCA TA AGGCCTGCCACCACCGCCCGCCTGGGCAGCCATGAATGT AGCGCCCCAGGCCCTGCCCGAGCCCGCCATGCCACAAGGTGGGGGAGGCCCTGGGCAGGATGTTCACTC TATTTATTGGGAAGGAGGGAGGGGGGGACACTTA ACTT ATTCCTTTGTACCCCAGGGGTGGAGCCC TGTGCCACCCTGCACTGGGGGAGGGTGGGCAGGGATACTCAGGGACAGGCATCATGGGGGATTGG CACAAAATGGAGCATTAAAGGTAACCCCTGCCCCCTA ACGCGT AAGCGGCCGCGCATCTAGATT CGAAGAAA ATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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_002446.4</u>



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Summary: The protein encoded by this gene is a member of the serine/threonine kinase family. This kinase has been shown to activate MAPK8/JNK and MKK4/SEK1, and this kinase itself can be phosphorylated, and thus activated by JNK kinases. This kinase functions preferentially on the JNK signaling pathway, and is reported to be involved in nerve growth factor (NGF) induced neuronal apoptosis. [provided by RefSeq, Jul 2008]

Locus ID: 4294

MW: 11