

Product datasheet for **SC210603**

TAK1 (MAP3K7) (NM_145331) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TAK1 (MAP3K7) (NM_145331) Human 3' UTR Clone
Symbol:	TAK1
Synonyms:	CSCF; FMD2; MEKK7; TAK1; TGF1a
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_145331
Insert Size:	2000 bp



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Insert Sequence: >SC210603 3'UTR clone of NM_145331
 The sequence shown below is from the reference sequence of NM_145331. 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
CAGCAGCAGAAAAGACAAGGCACCTCAATGATTCTCTGGGACCGTTACATTTTGAAATATGCAAAGAAAG
ACTTTTTTTTTAAGGAAAAGAAAACCTTATAATGACGATTCATGAGTGTTAGCTTTTTGGCGTGTTCTG
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AGGTAAGTGGCAGCTGCTCTATTTAATGAAAGCAGTTTTACCGGATTTTGTTAGACTAAAAATTTGATTG
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CCTACCACTGAGTTTTGTAATGAATCCTTGTGTATAACAAGCAATACAGGTGAATACTAACTGTTATT
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GCTTGTATGTACATCTGTCACTCCAAGGACCTAGTCACTTTAAAGAGGCCTTTTATCTCAGCA
CGAGATATCCAAGCGTGAATGCTAAGGCTTGATGTTTCCATTAGGATTTAGCATTTCAGATTTTCAGATT
TTATTTATAGTCATTGATGTGTTTTGCTGTATTATAACACATTTAAGGGAAATTTTATTATGGTTTTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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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_145331.3](#)

Summary:

The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Locus ID:

6885

MW:

78.7