

## Product datasheet for SC211822

### TAK1 (MAP3K7) (NM\_145332) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TAK1 (MAP3K7) (NM_145332) Human 3' UTR Clone
Symbol:	TAK1
Synonyms:	CSCF; FMD2; MEKK7; TAK1; TGF1a
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_145332
Insert Size:	1044 bp
Insert Sequence:	>SC211822 3' UTR clone of NM_145332 The sequence shown below is from the reference sequence of NM_145332. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Red</b> =Cloning site <b>Blue</b> =Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

CACCAACTACAGGCAAGAACTAGTTGCAGAACTGGACCAGGAT**TGA**AAAGGACCAGCAAAATACATCTCGC  
CTGGTACAGGAACATAAAAAGCTTTTAGATGAAAACAAAAGCCTTTCTACTTACTACCAGCAATGCAAAA  
AACAACTAGAGGTCATCAGAAGTCAGCAGCAGAAACGACAAGGCACTTCATGATTCTCTGGGACCGTTAC  
ATTTTGAAATATGCAAAGAAAGACTTTTTTTTTAAGGAAAGGAAAACCTTATAATGACGATTCATGAGTG  
TTAGCTTTTTGGCGTGTCTGAATGCCAACTGCCTATATTTGCTGCATTTTTTTCATTGTTTATTTTCT  
TTTCTCATGGTGGACATAACAATTTACTGTTTCATTGCATAACATGGTAGCATCTGTGACTTGAATGAGC  
AGCACTTTGCAACTTCAAACAGATGCAGTGAAGTGTGGCTGTATATGCATGCTCATTGTGTGAAGGCTA  
GCCTAACAGAACAGGAGGTATCAAACAGCTGCTATGTGCAAACAGCGTCCATTTTTTTCATATTAGAGGT  
GGAACCTCAAGAATGACTTTATCTTGTATCTCATCTCAAATATTAATAATTTTTTCCCAAAAGATGG  
TATATACCAAGTTAAAGACAGGGTATTATAAATTTAGAGTGATTGGTGGTATATTACGGAATACGGAAC  
CTTTAGGATAGTCCGTGTAAGGGCTTTGATGCCAGCATCCTTGGATCAGTACTGAACCTCAGTTCCATC  
CGTAAAAATATGTAAGGTAAGTGGCAGCTGCTCTATTTAATGAAAGCAGTTTTACCGGATTTTGTAGAC  
TAAATTTGATTGTGATACATTGAACAAAATGGAACCTCATTTTTTTTTAAGGAGTAAAGATTTTTAATTC  
TGTGATTGTGTATGTGTGTTGAAACTGTAAAGCTTTTATGACTCTAATATTAATCTCTAAATGAAAT  
TAAAGGCAAAAGAACATGATTGAGCTTAAATGATCATTTCTCCTGCAGTGATTCTGGATTG

**ACGCGT**AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCG

Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_145332.1</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	6885