

Product datasheet for **SC211821**

TAK1 (MAP3K7) (NM_145333) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TAK1 (MAP3K7) (NM_145333) Human 3' UTR Clone
Symbol:	TAK1
Synonyms:	CSCF; FMD2; MEKK7; TAK1; TGF1a
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_145333
Insert Size:	1044 bp
Insert Sequence:	>SC211821 3' UTR clone of NM_145333 The sequence shown below is from the reference sequence of NM_145333. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

CACCAACTACAGGCAAGAACTAGTTGCAGAACTGGACCAGGAT**TGA**AAAGGACCAGCAAAATACATCTCGC
CTGGTACAGGAACATAAAAAGCTTTTAGATGAAAACAAAAGCCTTTCTACTTACTACCAGCAATGCAAAA
AACAACTAGAGGTCATCAGAAGTCAGCAGCAGAAACGACAAGGCACTTCATGATTCTCTGGGACCGTTAC
ATTTTGAAATATGCAAAGAAAGACTTTTTTTTTAAGGAAAGGAAAACCTTATAATGACGATTCATGAGTG
TTAGCTTTTTGGCGTGTCTGAATGCCAACTGCCTATATTTGCTGCATTTTTTTCATTGTTTATTTTCT
TTTCTCATGGTGGACATACAATTTACTGTTTCATTGCATAACATGGTAGCATCTGTGACTTGAATGAGC
AGCACTTTGCAACTTCAAACAGATGCAGTGAAGTGTGGCTGTATATGCATGCTCATTGTGTGAAGGCTA
GCCTAACAGAACAGGAGGTATCAAACAGCTGCTATGTGCAAACAGCGTCCATTTTTTTCATATTAGAGGT
GGAACCTCAAGAATGACTTTATCTTGTATCTCATCTCAAATATTAATAATTTTTTCCAAAAGATGG
TATATAACCAAGTTAAAGACAGGGTATTATAAATTTAGAGTGATTGGTGGTATATTACGGAATACGGAAC
CTTTAGGATAGTCCGTGTAAGGGCTTTGATGCCAGCATCCTTGGATCAGTACTGAACCTCAGTTCCATC
CGTAAAAATATGTAAGGTAAAGTGGCAGCTGCTCTATTTAATGAAAGCAGTTTTACCGGATTTTGTAGAC
TAAATTTGATTGTGATACATTGAACAAAATGGAACCTATTTTTTTTTAAGGAGTAAAGATTTTTAATTC
TGTGATTGTGTATGTGTGTTGAAACTGTAAAGCTTTTATGACTCTAATATTAATCTCTAAATGAAAT
TAAAGGCAAAAGAACATGATTGAGCTTAAATGATCATTTCTCCTGCAGTGATTCTTGGATTG

ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCG

Restriction Sites: SgfI-MluI



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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_145333.1
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