

Product datasheet for **SC209042**

TRAF6 (NM_145803) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TRAF6 (NM_145803) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TRAF6
Synonyms:	MGC:3310; RNF85
ACCN:	NM_145803
Insert Size:	2000 bp



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Insert Sequence: >SC209042 3'UTR clone of NM_145803
 The sequence shown below is from the reference sequence of NM_145803. 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
CAGCCACGAAGTACTGATGCAGGGGTATAGCTTGCCCTCACTTGCTCAAAAACTACCTGGAGAAAA
CAGTGCCTTTCCTTGCCCTGTTCTCAATAACATGCAAAACAAACAAGCCACGGGAAATATGTAATATCTA
CTAGTGAGTGTGTTAGAGAGGTCACTTACTATTTCTTCTGTTACAAATGATCTGAGGCAGTTTTTTC
CTGGGAATCCACACGTTCCATGCTTTTTTCAGAAATGTTAGGCCTGAAGTGCCTGTGGCATGTTGCAGCA
GCTATTTTCCAGTTAGTATACCTCTTTGTGTACTTTCTTGGGCTTTTGTCTGGTGTATTTTATTGT
CAGAAAGTCCAGACTCAAGAGTAACTTTAATAAATGGATTTTCTTAAAACCTCAGTCTTTT
TGTAAGTATTATGTAATATATTTAAAAGTGAAGTCACTACCGCCTTGCTAGTGCCTCGAGAAGAG
TTATTGCTCTAGAAAGTTGAGTTCTCATTTTTTAACTGTTATAGATTTAGAGATTTGAACCATAA
TCCTTGGAAAACCTAAGTTCTCATTACCCCGATTTTTCTCCAGTTGTTACTAAGGATATTCAGGGA
TGAGTTTAAACCTAAATATAACCTAATTATTTAGTGTAAACATGTCTGTTGAATAACTTGTTTAA
GTGTTCTTCTGCCTTGCTTACTTATTTCTTGAGTTACGAAGTAGCATCTTCCCAGAGTTTATAAT
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AGTGAATTTACAGCTCTGCATATGCTTTCATTTGTTAATGCTTACAAGACAGGAGATGCACACATAC
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AATTGATTTCTAAAATCAGAATTTTTTAAAACCTGGGAGATGATTGGAGATACCTAGGAGTCAACAA
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GAGACCCGCAACTAGTATAAGCTTATAAAGGATCTAAAGATCCATCCACCATTTAAAGTTGTCTGGTAA
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AATTTCAAGAGAAAGCAAGGACCTCATCTGCAGGGGAGTGTGGTTTTTCAGCCCCAGCGAGTGCACCTT
TGAACCTTCCCTTTGCTTTTTTCTCTCTTCCCTCCCCACCCACCTTAGGCTCCTGATCTGGTGTGAGT
TTGTTATGGAGTGAATAAAAAGTCAAGCAGAGACCTTGTTCCTGTCACCATTAGTACCACAAGCT
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GAATCACTGCATACCACCTCTAGGTAGGAAACCTACACTGCTGCTGTTCTGTGATTATTTTACAAT
GAATAAATAATTGTCAAGTTCCATTTAAAAACTGAACAGTAGTATTTTGTATTTGCGTAGAAAAAGCC
TGAAGGAAATATACTAACTTTTTGTTGGCTTATTTTCTTTGCGCTTGCTTATATTTTTTACATTTTC
TACAATAAATGTGTACTTTTATCGGAGAAAAAATTAATGTTGCCACAAAACATTTAATCTCCACGC
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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: [NM_145803.3](#)

Summary:

The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins are associated with, and mediate signal transduction from, members of the TNF receptor superfamily. This protein mediates signaling from members of the TNF receptor superfamily as well as the Toll/IL-1 family. Signals from receptors such as CD40, TNFSF11/RANCE and IL-1 have been shown to be mediated by this protein. This protein also interacts with various protein kinases including IRAK1/IRAK, SRC and PKCzeta, which provides a link between distinct signaling pathways. This protein functions as a signal transducer in the NF-kappaB pathway that activates I kappaB kinase (IKK) in response to proinflammatory cytokines. The interaction of this protein with UBE2N/UBC13, and UBE2V1/UEV1A, which are ubiquitin conjugating enzymes catalyzing the formation of polyubiquitin chains, has been found to be required for IKK activation by this protein. This protein also interacts with the transforming growth factor (TGF) beta receptor complex and is required for Smad-independent activation of the JNK and p38 kinases. This protein has an amino terminal RING domain which is followed by four zinc-finger motifs, a central coiled-coil region and a highly conserved carboxyl terminal domain, known as the TRAF-C domain. Two alternatively spliced transcript variants, encoding an identical protein, have been reported. [provided by RefSeq, Feb 2012]

Locus ID:

7189

MW:

76.9