

## Product datasheet for **SC214264**

### TRAF4 (NM\_004295) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TRAF4 (NM_004295) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TRAF4
Synonyms:	CART1; MLN62; RNF83
ACCN:	NM_004295
Insert Size:	1409 bp



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**Insert Sequence:** >SC214264 3'UTR clone of NM\_004295  
 The sequence shown below is from the reference sequence of NM\_004295. 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
GTTGAACTGCCCGGAAGATCCTCAGCTGAGTGCAGGTGGGGTTCGAGGGGAAAGGACGATGGGGCATG
ACCTCAGTCAGGCACTGGCTGAACCTGGAGAGGGGGCCGACCCCGTCAGCTGCTTCTGCTGCCTAGG
TTCTGTTACCCCATCCTCCCTCCCCAGCCACCACCCTCAGGTGCCTCCAATTGGTGCTTACGCCCTGG
CCCCTGTGGGGAACAGGTCTTGGGGTCAAGAGGGCTGGAACAAGTGACCCAGGGCCTGTCTCCCTT
CTTGGGTAGGGCAGACATGCCTTGGTGCCGGTCACTACTACACGGACTGAGGTGCCTGCTCAGGTGCT
ATGTCCCAAGAGCCATAAGGGGGTGGGAATTGGGGAGGGAGAAAGGGTAGTTCAAAGAGTCTGTCTTGA
GATCTGATTTTTTCCCCCTTACCTAGCTGTGCCCTCTGGTTATTTATTTCTTAGTGCCAGGAGGG
CACAGCAGGGGAGCCCTGATTTTAATAAATCCGGAATTGTATTTATTAATTTGCTTCCAGCCTGACTT
ACCTGGGTGGTTAGGTCCTGGGAGGCTCAACCAAAGTGAAGGCAAAGAAAGGACCAGTCAAGAGAGG
GCCGCTGCCTGGGTCTGGCCCCAGGATCCAGCTTACCTGCTGGCTCGCCCTCTGATGGACGCCGGGAAA
ACTGCATCGGGCTTTGTGTGGAAGACGGTCCCTGCCACTGCCCTCTGCCGATGAAATGCGGGAAGTGTA
TGGCCTAGATGTTTCATAAGGCTGGAGTCCCTGGTCAGCCCCACCAGATTAGTGCTTCTACCCTAGGCA
GGGCTTTCTTGGTCTAATGGTAATAAGCACCGACACTGCTAAGCACTTTACGTGCATTATTTTTCATT
GAAAAGAACTGTCAAGTAAAATACTTTTTAGCACAGTAACTGGCTTTGTGGGCTCTAGAGAAGAGTTAA
TGAGGCAGTGCATGTTCTTGGCCAGAGTAAGTGCTTAGTGAATGCTTTTCAACTCCGAACCCAGCCA
CATCCAGGGACTGGGTGTTGAGCAAAAGGGCCCTCAAGATGTTCAAGGCACTTGGATTTTCTCCTGTC
TCTCATCGGCTTTTCTTAACGGGCCTCAGTGGGTGCATGTGATTATCCAGGTTTACCTATGAAACATG
AACAGAGGAGACTGACTTATCAGTGATTCTCCGCGGGTTCGGACAGGGCCTCGATTCTGTTTTAACT
CCAGTAGTCCCTAGAAATTGTAGCTCCCTCTAGTTGTGGCAATAGGTGTGGGTCCTTGTGCTTGCTTTT
GGCAAGTTTCTGAGCTACACAGGGCCTCCATTACCGTCACTGGTGAATGCGGCTCACCTCCAGATTT
GTTGTAAGATTAATGAACTGGTCAGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
  
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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\\_004295.4](#)

**Summary:** This gene encodes a member of the TNF receptor associated factor (TRAF) family. TRAF proteins are associated with, and mediate signal transduction from members of the TNF receptor superfamily. The encoded protein has been shown to interact with neurotrophin receptor, p75 (NTR/NTSR1), and negatively regulate NTR induced cell death and NF-kappa B activation. This protein has been found to bind to p47phox, a cytosolic regulatory factor included in a multi-protein complex known as NAD(P)H oxidase. This protein thus, is thought to be involved in the oxidative activation of MAPK8/JNK. Alternatively spliced transcript variants have been observed but the full-length nature of only one has been determined. [provided by RefSeq, Jul 2008]

**Locus ID:** 9618

**MW:** 51.5