

## Product datasheet for **MC228188**

### Traf6 (NM\_001303273) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Traf6 (NM_001303273) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Traf6
Synonyms:	2310003F17Rik; AI851288; C630032O20Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC228188 representing NM\_001303273  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTCTCTAAACTGTGAGAACAGCTGCGGGTCCAGCCAGTCGTCCAGTGACTGCTGCGCTGCCATGG  
 CCGCCTCCTGCAGCGCTGCAGTGAAAGATGACAGCGTGAGTGGCTCTGCCAGCACCGGGAACCTCTCCAG  
 CTCCTTCATGGAGGAGATCCAGGGCTACGATGTGGAGTTTGACCCACCTCTGGAGAGCAAGTATGAGTGT  
 CCCATCTGCTTGTAGGCTTTACGGGAAGCAGTGCAAAACACCATGTGGCCACAGGTTCTGCAAAGCCTGCA  
 TCATCAAATCCATAAGGGATGCAGGGCACAAGTGCCCAGTTGACAATGAAATACTGCTGGAAAATCAACT  
 GTTTCCCGACAATTTGCAAAGCGAGAGATTCTTCCCTGACGGTAAAGTGCCCAAATAAAGGCTGTTTG  
 CAAAAGATGGAAGTGAACATCTCGAGGATCATCAAGTACATTGTGAATTTGCTCTAGTGAATTGCCCC  
 AGTGCCAAAGTCCCTTCCAGAAGTGCCAGGTTAATACACACATTATTGAGGATTGCCCAGGAGGCAGGT  
 TTCTTGTGTAAGTGTGCTGTGCCATGGCATATGAAGAGAAAGAGATCCATGATCAAAGCTGTCCTCTG  
 GCAAATATCATCTGTGAATACTGTGGTACAATCCATCATCAGAGAACAGATGCCTAATCATTATGATCTGG  
 ACTGCCAACAGCTCCAATCCCTTGACATTCAGTGTTTTGGCTGTCATGAAAAGATGCAGAGGAATCA  
 CTTGGCACGACACTTGCAAGAGAATACCCAGTTGCACATGAGACTGTTGGCCAGGCTGTTCATAATGTT  
 AACCTTGCTTTGCGTCCGTGCGATGCCGCCTCTCCATCCCGGGATGTCGTCCAGAGGACCCAAATTATG  
 AGGAAACTATCAAACAGTTGGAGAGTCGCTAGTAAGACAGGACCATCAGATCCGGGAGCTGACTGCCAA  
 AATGGAAGTCAAGTATGTACGTGGGCGAGCTCAAACGGACATTCCGACCTGGAGGACAAGTTGCC  
 GAAATGGAAGCACAGCAGTGTACGGGATCTACATTTGGAAGATTGGCAACTTTGGGATGCACTTGAAT  
 CCCAAGAAGGAAAGACTGTTGTTCATCCATAGCCCTGGATTCTACACAGGCAGACCTGGGTACAAGCT  
 GTGCATGCGCCTGCATCTTCAGTTACCGACAGCTCAGCGCTGTGCAAACTATATATCCCTTTTTGTCCAC  
 ACAATGCAAGGAGAATATGACAGCCACCTCCCCTGGCCCTTCCAGGGTACAATACGCCTTACAATTCTCG  
 ACCAGTCTGAAGCACTTATAAGGCAAAACCACGAAGAGTTCATGGACGCCAAACCAGAAGTCTTGCCTT  
 TCAGCGACCCACAATCCACGGAACCCAAAGTTTTGGCTATGTAACTTTATGCACCTGGAAGCCTTA  
 AGACAGGGAACCTTCATTAAGGATGATACATTACTAGTGCCTGTGAAGTCTCTACCCGCTTTGACATGG  
 GTGGCCTTCGGAAGGAGGTTTTCCAGCCACGAAGTACTGATGCGGGGGT**GTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001303273

**Insert Size:** 1593 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001303273.1](#), [NP\\_001290202.1](#)

**RefSeq Size:** 5985 bp

**RefSeq ORF:** 1593 bp

**Locus ID:** 22034

**UniProt ID:** [P70196](#)

**Cytogenetics:** 2 E2

**Gene Summary:** This gene encodes a member of the TNF receptor associated factor (TRAF) family of adaptor proteins that mediate signaling events from members of the TNF receptor and Toll/IL-1 receptor families to activate transcription factors such as NF-kappa-B and AP-1. The product of this gene is essential for perinatal and postnatal survival. Mice deficient in this protein exhibit osteopetrosis and defective in development of epidermal appendices, normal B cell differentiation, lymph node organogenesis, interleukin-1 signaling, lipopolysaccharide signaling and neural tube closure. This protein possesses ubiquitin ligase activity. Alternate splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2014] Transcript Variant: This variant (2) lacks an exon in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.