

Product datasheet for **MC217548**

Traf6 (NM_009424) Mouse Untagged Clone

Product data:

| | |
|--------------------|----------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Traf6 (NM_009424) 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 |



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Fully Sequenced ORF: >MC217548 representing NM_009424
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGTCTCTAAACTGTGAGAACAGCTGCGGGTCCAGCCAGTCGTCCAGTGACTGCTGCGCTGCCATGG
CCGCCTCCTGCAGCGCTGCAGTGAAAGATGACAGCGTGAGTGGCTCTGCCAGCACCGGGAACCTCTCCAG
CTCCTTATGGAGGAGATCCAGGGCTACGATGTGGAGTTTGACCCACCTCTGGAGAGCAAGTATGAGTGT
CCCATCTGCTTGTAGGCTTTACGGGAAGCAGTGCAAAACACCATGTGGCCACAGGTTCTGCAAAGCCTGCA
TCATCAAATCCATAAGGGATGCAGGGCACAAGTGCCAGTTGACAATGAAATACTGCTGGAAAATCAACT
GTTTCCCAGCAATTTTGC AAAGCAGAGAGATTCTTCCCTGACGGTAAAGTGCCCAAATAAAGGCTGTTTG
CAAAGATGGAAGTGAACATCTCGAGGATCATCAAGTACATTGTGAATTTGCTCTAGTGAATTGCCCC
AGTGCCAAAGTCCCTTCCAGAAGTGCCAGGTTAATACACACATTATTGAGGATTGCCCAGGAGGCAGGT
TTCTTGTGTAAGTGTGCTGTGCCATGGCATATGAAGAGAAAGAGATCCATGATCAAAGCTGTCCTCTG
GCAAATATCATCTGTGAATACTGTGGTACAATCCATCATCAGAGAACAGATGCCTAATCATTATGATCTGG
ACTGCCAAACAGCTCCAATCCCTTGACATTCAGTGTTTTGGCTGTCATGAAAAGATGCAGAGGAATCA
CTTGGCACGACACTTGCAAGAGAATACCCAGTTGCACATGAGACTGTTGGCCAGGCTGTTCATAATGTT
AACCTTGCTTTGCGTCCGTGCGATGCCGCCTCTCCATCCCGGGATGTCGTCCAGAGGACCCAAATTATG
AGGAAACTATCAAACAGTTGGAGAGTCGCTAGTAAGACAGGACCATCAGATCCGGGAGCTGACTGCCAA
AATGGAAGTCAAGATATGTACGTGGGCGAGCTCAAACGGACATTCCGACCTGGAGGACAAGGTTGCC
GAAATGGAAGCACAGCAGTGTACGGGATCTACATTTGGAAGATTGGCAACTTTGGGATGCACTTGAAT
CCCAAGAAGAGGAAAGCCTGTTGTTCATCCATAGCCCTGGATTCTACACAGGCAGACCTGGGTACAAGCT
GTGCATGCGCCTGCATCTTCAGTTACCGACAGCTCAGCGCTGTGCAAACATATATCCCTTTTTGTCCAC
ACAATGCAAGGAGAATATGACAGCCACCTCCCCTGGCCCTTCCAGGGTACAATACGCCTTACAATTCTCG
ACCAGTCTGAAGCACTTATAAGGCAAAACCACGAAGAGGTGATGGACGCCAAACCAGAAGTCTTGCCTT
TCAGCGACCCACAATCCACGGAAACCCAAAGTTTTGGCTATGTAACATTTATGCACCTGGAAGCCTTA
AGACAGGGAACCTTCATTAAGGATGATACATTACTAGTGCCTGTGAAGTCTCTACCCGCTTTGACATGG
GTGGCCTTCGGAAGGAGGTTTTCCAGCCACGAAGTACTGATGCGGGGGT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_009424

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).

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_009424.3](#), [NP_033450.2](#)

RefSeq Size: 6188 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 (1) represents the longer transcript. 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.