

Product datasheet for **MC228240**

Traf3 (NM_001286122) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Traf3 (NM_001286122) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Traf3
Synonyms:	A1528849; amn; CAP-1; CD40bp; CRAF1; LAP1; T-BAM
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC228240 representing NM_001286122
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGTCAAGCAAAAAGATGGATGCTGCTGGCACACTGCAGCCTAACCCACCCCTAAAGCTGCAGCCTG
 ATCGCGCGCAGGGTCCGTGCTCGTGCCGAGCAAGGAGGCTACAAGGAGAAGTTTGTGAAGACGGTGGA
 AGACAAGTACAAGTGCAGAGAAGTCCCGCCTGGTCTGTGCAACCCGAAGCAGACGGAGTGTGCCACCGG
 TTCTGCGAGAGCTGCATGGCCGCCCTGCTGAGCTCCTCCAGTCCAAAATGCACAGCGTGCCAAGAAAGCA
 TCATCAAAGACAAGGTGTTAAGGATAATTGCTGCAAGAGAGAGATTCTGGCCCTTCAGGTCTACTGTG
 GAATGAAGGCAGAGGTTGTGCGGAGCAGCTGACTCTGGGACATCTGCTGGTGCACCTAAAAATGAATGT
 CAGTTTGAGGAACCTCCCTGTCTGCGTGCCGACTGCAAAGAAAAAGTACTGAGAAAAGACTTGGGGATC
 ACGTGGAAAAGGCTGTAATACCGCGAGGCCACGTGCAGTCACTGCAAGAGCCAAGTGCCCATGATCAA
 ACTGCAGAAACATGAAGACACAGATTGTCCCTGTGTGGTGGTATCCTGCCCTCACAAGTGCAGCGTTTCA
 ACTCTTCTAAGGAGTGAAGGTACAAACCAGCAGATCAAGGCCATGAGGCCAGCTCCGCGGTACAGCAGG
 TGAACCTGCTGAAGGAGTGGAGCAACTCCCTGGAGAAGAAGGTTCCCTGCTGCAGAATGAAAGTGTGA
 GAAAAACAAGAGCATCCAAAGCTGCACAACCAGATCTGCAGCTTTGAGATCGAGATTGAGAGGCAGAAG
 GAGATGCTCCGAAACAACGAGTCCAAGATCCTTCCCTGCAGCGGGTAATCGACAGCCAAGCAGAGAAAAC
 TGAAAGAACTGGACAAGGAGATCCGTCCCTTCCGGCAGAACTGGGAGGAAGCGGACAGCATGAAGAGCAG
 TGTGGAGTCCCTCCAGAACCAGTGACTGAGCTGGAGAGCGTAGACAAAAGTGGGGGCAGGCGGCTCGC
 AACACAGGCTTGTGGAGTCCAGCTGAGCCGGCATGACCAGATGTTGAGTGTTCATGACATCCGTTGG
 CCGACATGGACCTGCGGTTCCAGTCTCGAGACCGCCAGTACAACGGGGTGCTGATCTGGAAGATCCG
 TGACTACAAGCGCCGGAAGCAGGAGGCCGTCATGGGGAAGACCCTGTCTCTCTACAGCCAGCCTTTCTAC
 ACAGGTTATTTTGGCTATAAGATGTGTGCCAGGCTACCTGAATGGGGACGGAATGGGGAAGGGACAC
 ACTTGTGCTGTTTTTTGTGATTATGCGTGGAATAATGATGCTCTGTTGCCATGGCCGTTCAAGCAGAA
 AGTGACACTTATGCTGATGGATCAGGGTCTCTCGCCGTCTCTGGGAGATGCGTTCAAGCCTGACCCC
 AACAGCAGCAGCTTCAAGAAACCCACGGAGAGATGAATATCGCCTCTGGCTGCCAGTCTTTGTCGCCC
 AAAGTGTCTAGAGAACGGGACGTATATTAAGATGATACAATCTTTATTAAGGTATAGTGATACCTC
 GGATCTGCCTGACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001286122
- Insert Size:** 1629 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:	<ol style="list-style-type: none">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:	<u>NM_001286122.1, NP_001273051.1</u>
RefSeq Size:	6978 bp
RefSeq ORF:	1629 bp
Locus ID:	22031
Cytogenetics:	12 60.94 cM
Gene Summary:	<p>Regulates pathways leading to the activation of NF-kappa-B and MAP kinases, and plays a central role in the regulation of B-cell survival. Part of signaling pathways leading to the production of cytokines and interferon. Required for normal antibody isotype switching from IgM to IgG. Plays a role T-cell dependent immune responses. Plays a role in the regulation of antiviral responses. Is an essential constituent of several E3 ubiquitin-protein ligase complexes. May have E3 ubiquitin-protein ligase activity and promote 'Lys-63'-linked ubiquitination of target proteins. Inhibits activation of NF-kappa-B in response to LTBR stimulation. Inhibits TRAF2-mediated activation of NF-kappa-B. Down-regulates proteolytic processing of NFKB2, and thereby inhibits non-canonical activation of NF-kappa-B. Promotes ubiquitination and proteasomal degradation of MAP3K14.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an internal exon in the 5' UTR and an in-frame exon in the coding region, compared to variant 1. The resulting isoform (b) lacks an internal segment, compared to isoform a. 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.</p>