

Product datasheet for **MC219061**

Traf3 (NM_011632) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Traf3 (NM_011632) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Traf3
Synonyms:	AI528849; amn; CAP-1; CD40bp; CRAF1; LAP1; T-BAM
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219061 representing NM_011632
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTCAAGCAAAAAGATGGATGCTGCTGGCACACTGCAGCCTAACCCACCCCTAAAGCTGCAGCCTG
 ATCGCGGCGCAGGTCCTGTGCTCGTGCCGGAGCAAGGAGGCTACAAGGAGAAGTTTGTGAAGACGGTGGA
 AGACAAGTACAAGTGCGAGAAGTGCCGCCTGGTGTGCAACCCGAAGCAGACGGAGTGTGCCACCGG
 TTCTGCGAGAGCTGCATGGCCGCCCTGCTGAGCTCCTCCAGTCCAAAATGCACAGCGTGCCAAGAAAGCA
 TCATCAAAGACAAGGTGTTAAGGATAATTGCTGCAAGAGAGAGATTCTGGCCCTCAGGTCTACTGTGCG
 GAATGAAGGCAGAGGTTGTGCGGAGCAGCTGACTCTGGGACATCTGCTGGTGCACCTAAAAATGAATGT
 CAGTTTGAGGAACTTCCCTGTCTGCGTGCCGACTGCAAAGAAAAAGTACTGAGAAAAGACTTGGGGATC
 ACGTGGAAAAGGCTGTAATACCGCGAGGCCACGTGCAGTCACTGCAAGAGCCAAGTGGCCATGATCAA
 ACTGCAGAAACATGAAGACACAGATTGTCCCTGTGTGGTGGTATCCTGCCCTCACAAGTGCAGCGTTCAG
 ACTCTTCTAAGGAGTGAGTTGAGTGCACACTTGTCCGAGTGTGTCAATGCCCCAGCACCTGTAGTTTTA
 AGCGCTATGGCTGCGTTTTTCAGGGTACAAACCAGCAGATCAAGGCCATGAGGCCAGCTCCGCGGTACA
 GCACGTGAACCTGCTGAAGGAGTGGAGCAACTCCCTGGAGAAGAAGTTTCCCTGCTGCAGAATGAAAGT
 GTTGAGAAAAACAAGAGCATCCAAAGCCTGCACAACCAGATCTGCAGTTTGAGATCGAGATTGAGAGGC
 AGAAGGAGATGCTCCGAAACAACGAGTCCAAGATCCTTCCCTGCAGCGGGTAATCGACAGCCAAGCAGA
 GAAACTGAAAGAACTGGACAAGGAGATCCGTCCCTTCCGGCAGAACTGGGAGGAAGCGGACAGCATGAAG
 AGCAGTGTGGAGTCCCTCCAGAACCAGTACTGAGCTGGAGAGCGTAGACAAAAGTGGGGGACGGCGG
 CTCGCAACACAGGCTTGCTGGAGTCCCAGCTGAGCCGGCATGACCAGATGTTGAGTGTTCATGACATCCG
 CTTGGCCGACATGGACCTGCGGTTCCAGTCCCTCGAGACCAGCTACAACGGGGTGTGATCTGGAAAG
 ATCCGTGACTACAAGCGCCGGAAGCAGGAGGCCGTATGGGGAAGACCCTGTCTCTACAGCCAGCCTT
 TCTACACAGGTTATTTGGCTATAAGATGTGTGCCAGGCTACCTGAATGGGACGGAATGGGAAAGG
 GACACACTTGTGCTGTTTTTTGTATTATGCGTGGAGAATATGATGCTCTGTTGCCATGGCCGTTCAAG
 CAGAAAGTGACACTTATGCTGATGGATCAGGGTCTCTCGCCGTCATCTGGGAGATGCGTTCAAGCCTG
 ACCCCAACAGCAGCAGCTTCAAGAAACCACCGGAGAGATGAATATCGCCTCTGGCTGCCAGTCTTTGT
 CGCCAAACTGTTCTAGAGAACGGGACGTATATTAAGATGATACAATCTTTATTAAGGTCATAGTGGAT
 ACCTCGGATCTGCCTGACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_011632
- Insert Size:** 1704 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:	<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:	NM_011632.3 , NP_035762.2
RefSeq Size:	7164 bp
RefSeq ORF:	1704 bp
Locus ID:	22031
UniProt ID:	Q60803
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 (1) encodes the longer 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>