

Product datasheet for MC207429

Traf1 (NM_009421) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Traf1 (NM_009421) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Traf1
Synonyms:	4732496E14Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207429 representing NM_009421 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCTCCAGCTCAGCCCTGATGAAAACGAGTTTCAATTTGGTTGCCCCCTGCTCCCTGCCAGGACC
CATCGGAGCCCAGAGTTCTCTGCTGCACAGCCTGTCTCTCTGAGAACCTGAGAGATGATGAGGATCGGAT
CTGTCCTAAATGCAGAGCAGACAACCTCCATCCTGTGAGCCAGGAAGCCCTCTGACTCAGGAGAAGGTT
CACTCTGATGTAGCTGAGGCTGAAATCATGTGCCCTTTGCAGGTGTTGGCTGTTCTTCAAGGGGAGCC
CACAATCCATGCAGGAGCATGAGGCTACCTCCCAGTCCTCCCACCTGTACCTGCTGCTGGCGGTCTTAAA
GGAGTGGAAATCCTCACCAGGCTCCAACCTAGGGTCTGCACCCATGGCACTGGAGCGGAACCTGTGAGAG
CTGCAGCTTCAGGCAGCTGTGGAAGCGACAGGGGACCTGGAGGTAGACTGCTACCGGCACCTTGCTGTG
AGAGCCAGGAAGAAGTGGCCCTGCAGCACTTGGTGAAGGAGAAGCTGCTGGCTCAGCTGGAGGAGAAGCT
GCGTGTGTTTGCAAACATTGTTGCTGTCTCAACAAGGAAGTGGAGGCTTCCCACCTGGCACTGGCCGCC
TCCATCCACCAGAGCCAGTTGGACCGAGAGCACATCCTGAGCTTGGAGCAGAGGGTGGTGAATTACAGC
AAACCTGGCTCAAAAAGACCAGGTCCTGGCAAGCTTGAGCACAGTCTGCGACTCATGGAGGAGGCATC
CTTTGATGGTACTTTCTGTGGAAGATACCAATGTACCAAGCGGTGCCACGAGTCAGTGTGTGGCCGG
ACTGTGAGCCTCTCTCTCCAGCTTTCTACACTGCCAAGTATGGTTACAAGTTGTGCCTGCGCTGTACC
TGAACGGGGATGGCTCAGGCAAGAAGACCCACCTGTCCCTCTTTCATCGTGATCATGAGAGGAGAATACGA
TGCTCTCCTGCCCTGGCCTTTCAGGAACAAGGTCACCTTTATGCTACTTGACCAGAACAACCGAGAGCAT
GCTATTGATGCCTTCCGGCCTGACCTGAGCTCAGCCTCCTTCCAGCGGCCACAGAGTGAGACCAACGTGG
CCAGCGGCTGCCGCTCTTCTCCCCCTCAGCAAGCTGCAGTCACCCAAGCACGCCTACGTCAAAGATGA
CACAATGTTCTCAAATGCATTGTGGACACTAGTGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online >](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_009421
Insert Size:	1230 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_009421.4 , NP_033447.2
RefSeq Size:	3833 bp
RefSeq ORF:	1230 bp
Locus ID:	22029
UniProt ID:	P39428
Cytogenetics:	2 B
Gene Summary:	<p>Adapter molecule that regulates the activation of NF-kappa-B and JNK. Plays a role in the regulation of cell survival and apoptosis. The heterotrimer formed by TRAF1 and TRAF2 is part of a E3 ubiquitin-protein ligase complex that promotes ubiquitination of target proteins, such as MAP3K14. The TRAF1/TRAF2 complex recruits the antiapoptotic E3 protein-ubiquitin ligases BIRC2 and BIRC3 to TNFRSF1B/TNFR2 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>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.</p>