

Product datasheet for **MC219838**

Traf3ip1 (NM_028718) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Traf3ip1
Synonyms:	3930402D05Rik; AU041749; MIP-T3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC219838 representing NM_028718
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAACGCCGAGTGGTGGCGGACGACGAGGAGGCTCTGGGCAAGGTGATCCGGAGGCCGCCGCTCACCG
 AGAAGCTGCTCAACAAGCCACCGTTCCGCTACCTGCACGACATCATCACCGAGGTGATTAGGATAACTGG
 CTTTCATGAAGGGCCTCTACACAGATGCTGAGATGAAGTCAGAAAATGTCAAGGATAAAGATGCAAAAAATT
 AGCTTCTTACAGAAGGCCATAGATGTGGTCATGATGGTGTGACAGGTGAACCTTGGCAGCAAAACAGCTA
 GAATTGTGGCCGGCAGCAACCTGAAAGAACCAATGAGCTGCTTCAATTGATTGGCAAGTGCTGCCTCAG
 CAAGCTCTCCAGTGATGAGGCAGTGAAGAGAGTCTTAGCTGGGGACAAGGGGACTCGAGAGGGCCGGCC
 CAGCGGACGTCGAAAGCACAAGAGCCCAACAAGAGTGGGAAGGAGGAAGAGTCCAGAATACACAAAG
 AGGATAAACGAAGCTCTGAGGCCAAGGAGAGAAGCGCAAGTGCAGAGCACAACAGAAGGAGGAAGTGA
 GGAAGACAGCAAGCCTCGGGAGAAGGAGAGGGACAAGGAGAAGGCCAAGGAGGCCGACAGAGACCGGCAC
 AGAGACCCCGACAGGGACAGAAACAGAGACGGAGAGCGAGAGAAAGCCCGAGCACGGGCCAAGGACAGGG
 ACAGAAACAACAGAGACCGGGACAGAGAGGACAGAAAGGACAGGGAGAGGGACAGGAGGAGCGAGGGCGG
 GAAAGAAAAAGAGAGGGTGAAGGACCGAGACCGAGACCGTGACAAGGGAAGAGACCGGGAACGGCGGAA
 TCGAAGAATGGAGAACATACCGGGATCCTGACAGGGAGAAAAGCAGAGATGCAGACAAGCCAGAGAAAA
 AGTCCTCAAGCTCAGGGGAGATATCTAGAAAGCTGTGAGATGGATCTTTCAAAGATGTCAAAGCAGAGAT
 GGAGGCTGACATTTCTGTGGGAGCATCTAGGTCCTCGACGTTAAAACCATCAAAACGCGCATCGAAGCAT
 TCACTGGAAGGTGACTCCCCAGCGATGCAGAAGTAGAAGCTGGACCTGCTGGCCAAGATAAGCCGGAGG
 TGATGGAGAATGCGGAAGTTCCAGTGAGCTTCCCTCCAGCCTCAGAAGAATACCTCGGCCCTGGGAGTGC
 ACGGCCAGCACCTCCCAGGGTCAAACGACAAGAGAGCACAGAGACACTGGTGGTAGACAGGTCCGGAAAGT
 GGTAACACCGTCTCCAGTGTGATCATCGACTCCAGAACTCTGACAATAGGATGACGAGCAGTTTGTGG
 TGGAGGCTGCCCTCAGCTGTGAGAAATCGCAGACATTGACATGGTGCCGTGAGGGGAGCTGGAGGATGA
 GGAGAAGCAGCGTGGGCTCGTGAAGAAGATCTTGGAGACGAAGAAGGATTATGAGAAATTGCAGCAGTCT
 CTCAAGCCTGGTGAGAAGGAGAGATCACTCATCTTTGAGTCAGCATGGAAGAAGGAGAAAGACATCGTTT
 CCAAGGAGATAGAGAAGCTCCGCGTGTCCATCCAGACCCTGTGTAAGAGTGCAGCTTCCCCTGGGAAAGAT
 CATGGACTACATCCAGGAGGACGTGGACGCCATGCAGAATGAGCTGCAGCTGTGGCAGAGTGAGAACAGG
 CAGCATGCCGAAGCCCTGAGCCAGGAGCAGAGTATCACAGACAGTCCGGTGGAGCCCTGAAGGCCGAGC
 TTTCTGAGCTGGAGCAACAGATCAGAGACCAGCAGGACAAGATCTGTGCTGTGAAGGCCAACATCTGAA
 GAATGAGGAGAAGATCCAGAAAATGGTGCACAGTATCAACCTGTGTCACGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_028718

Insert Size:

1878 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_028718.2, NP_082994.1</u>
RefSeq Size:	3521 bp
RefSeq ORF:	1878 bp
Locus ID:	74019
UniProt ID:	<u>Q149C2</u>
Cytogenetics:	1 D
Gene Summary:	Plays an inhibitory role on IL13 signaling by binding to IL13RA1. Involved in suppression of IL13-induced STAT6 phosphorylation, transcriptional activity and DNA-binding. Recruits TRAF3 and DISC1 to the microtubules (By similarity). Involved in epithelial morphogenesis and in the regulation of microtubule cytoskeleton organization. Is a negative regulator of microtubule stability, acting through the control of MAP4 levels (PubMed:26487268). Involved in ciliogenesis (PubMed:21945076).[UniProtKB/Swiss-Prot Function]