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Product datasheet for RN213322

Traf3ip1 (NM_001012204) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Traf3ip1 (NM_001012204) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Traf3ip1
Synonyms:	MIP-T3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>RN213322 representing NM_001012204
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAACGCGGCAGTGGTGCGGCGGACGCAGGAGGCTCTGGGCAAGGTTATCCGGAGGCCGCCGCTCACCG
AGAAGCTGCTCAACAAGCCACCGTTCCGCTACCTGCACGACATCATCACTGAGGTGATTAGGATAACTGG
CTTCATGAAGGGCCTCTACACAGATGCTGAGATGAAGTCAGATAACGTCAAGGATAAAGATGCAAAGATT
AGCTTCTTACAGAAGGCCATAGATGTGGTCATGATGGTGTCAGGAGAACCCTTGGCAGCAAAACCAGCTA
GAATTGTGGCCGGGCACGAACCTGAAAGAACCAATGAGCTGCTTCAGTTGATTGGCAAGTGCTGCCTCAG
CAAGCTCTCCAGTGATGAGGCTGTGAAGAGAGTCTTAGCTGGGGAGAAGGGGGACTCGAGAGGTCGAGTC
CTGAGGACGTCGAAAGCACAAGAGCCCGACAACAAGAGTGTGAAGGAGGAAGAGTCCAGAACACAGAAAG
AGGAGAAACGAAGCTCTGAGGTGAAGGAGAGAAGCTCAAGTGCAGAGCACAAACAGAAGGAGGAACTAAA
GGAAGACAGCAAGCCTCGGGAGAAGGAGAGAGACAAGGAGAAGGCAAAGGAGGCTGACAGAGACCGACAC
AGAGAACCCGACAGGGACAGAAACAGAGACGGAGAGCGAGAGAAAGCCAGAGCACGGGCCAAGCAGGACA
GGGACAGAAACAACAAAGATCGGGACAGAGAGACTGAAAGGGACAGAGATAGGGACAGGAGGAGTGACGG
TGGGAAAGAAAAAGAGAGGCAGAAGGACCGAGACCGTGACAAGGGAAAAGACCGGGAACGGCGGAAATCG
AAGAATGGAGAACATACCCGGGATCCTGACAGGGAGAAGAGCAGAGATGCAGACAAGTCAGAGAAAAAGG
CTGACATTTCTGTAGGAGCATCCAAGTCTTCAACGTTAAAAGCATCAAAACGGCGATCCAAGAATTCACT
GGAAGGAAGGAAAGAGGATAATATTTCAGCTAAGATTTTAGACTCCATAGTGTCGGGACTAAATGACGAA
CCAGATCAGGAAACGACAGCTCCAGAAATAGATGATAACTCAGCTAGTCTGTGGCGGGAGAACGCTGAGC
CAGAGCCAGCAGTAAAGCAGAAAGGTGACTCTCCCAGCGACGCAGAAGGAGAAGCTGTACCTACTAGCCA
AGATAAGCTGGAGGTGACAGAGAATGCAGAAGTCTCAAATGAGCTTCCCTCCAGCCTCAGAAGAATACCT
CGGCCTGGGAGTGCACGGCCAGCACCTCCCAGGGTCAAACGACAAGAGAGCACAGAAACACTGGCAGGGG
ACAGGTCGGGAAGTGGTAAGACGGTCTCCACTGTGATCATCGACTCCCAGAACTCCGACAATGAGGACGA
CGAGCAGTTTGTGGTGGAAGCTGCCCCGCAGCTGTCGGAAATCGCAGAAATTGAAATGGTGCCATCAGGG
GACCTGGAGGATGAGGAGAAGCATGGTGGGCTCGTAAAAAAGATCTTGGAGACGAAGAAGGATTATGAGA
AACTGCAGCAGTCTCCCAAGCCTGGTGAGAAGGAGAGATCCCTTATCTTCGAGTCAGCATGGAAGAAGGA
GAAGGACATCGTTTCCAAGGAGATAGAGAAGCTCCGTGTGTCCATCCAGACCCTGTGTAAGAGCGCACTT
CCCCTGGGAAAGATCATGGACTACATCCAGGAGGATGTGGATGCCATGCAGAATGAGCTGCAGCTGTGGC
ACAGCGAGAACCGGCAGCATGCCGAGGCCCTGAGCAAGGAGCAGAGCATCACAGACAGTGCGGTGGAGCC
CCTGAAGGCTGAGCTGTCTGAGCTGGAACAACAGATCAAAGACCAGCAGGACAAGATCTGTGCGGTGAAG
GCCAACATCCTGAAGAATGAGGAGAAGATCCAGAAAATGGTGCACAGTATCAACCTGTCATCACGAAGAT
GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012204

Insert Size: 1962 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_001012204.1, NP_001012204.1
RefSeq Size:	2287 bp
RefSeq ORF:	1962 bp
Locus ID:	363286
UniProt ID:	Q5XIN3
Cytogenetics:	9q36
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 kidney development and epithelial morphogenesis. Involved in the regulation of microtubule cytoskeleton organization. Is a negative regulator of microtubule stability, acting through the control of MAP4 levels. Involved in ciliogenesis (By similarity).[UniProtKB/Swiss-Prot Function]