

Product datasheet for **MC228570**

Tnip1 (NM_001199275) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnip1 (NM_001199275) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnip1
Synonyms:	ABIN; ABIN-1; ABIN1; AU018810; Naf1; Nef; VAN
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228570 representing NM_001199275
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAAGGGAGAGACCCTACGGGATCTACGACCCAGGGGCGAGCACGCCTCTGGGAGAGGTGTCCGCAG
 CTTTTGAACGTCTAGTGGAGGAGAATACTCGGCTGAAGGGAAAAATGCAAGGGATAAAGATGTTAGGGGA
 GCTTCTGGAGGAGTCTCAGATGGAAGCGTCCAGACTCCGGCAGAAGGCAGAGGAGCTGGTCAAGGACAGC
 GAGCTGTACCACCGACATCTGCCCCCTCTTGGTCTCCTTTGATGACCTGGCTGAGCTCACAGGACAGG
 ATACAAAGGTCCAGGTACATCCTGCTACCAGCACTGCCGCCACCACCACCACCACCAGGGAAA
 CTCCATGGAGAAGCCGAGCCAGCCTCAAATCTCCGTCCAATGGCGCCTCTCGGACTTTGAAGTGGTC
 CCTACTGAGGAGCAGAATTCACCCGAAACTGGCAGCCACCCTACGAACATGATGGACCTGGGGCCCCAC
 CCCCAGAGGACAGCAACCTGAAGCTCCACTGCAGCGCCTGGAGACCACCCTTAGCGTGTGTGCAGAGGA
 GCCAGACCACAGCCAGCTCTTACCCACCTGGGCCGATGGCCCTCGAGTTCAACAGGTTGGCCTCCAAA
 GTGCATAAAAAATGAGCAGCGCACCTCCATCCTGCAGACCTTATGTGAGCAGCTGCCCAGGAGAATGAAG
 CCCTGAAGGCCAAGCTGGACAAGGGCCTGGAACAGCGGGATCTGGCTGCTGAGAGGCTGCCGGAGGAAAA
 CACGGAGCTCAAGAACTGTTGATGAACAGCAGCTGCAAAGAGGGACTCTGTGGGCAGCCAGCTCCCCA
 AAGCCAGAGGGTGTGGCAAGAAGGGCGTGGCTGGACAGCAGCAGGCCAGTGTGATGGCGAGTAAAGTCC
 CTGAAGCGGGGGCCTTTGGAGCAGCTGAGAAGAAGGTGAAGTTGCTAGAACAGCAACGCATGGAGCTGT
 GGAAGTGAACAAGCAGTGGGACCAGCATTTCCGGTCCATGAAGCAGCAGTATGAGCAGAAGATCACAGAG
 CTTCCGACAGAAGCTGGTGGACCTGCAGAAACAGGTAACAGCTGGAGGCCGAACGGGAGCAGAAGCAGC
 GTGACTTTGACCGAAACTCCTCTGGCCAAATCGAAGATAGAGATGGAAGAGACCACAAGGAGCAGCT
 GACAGCAGAGGCCAAGGAACTGCCCCAGAAGTCAAGTACCTACAGGATCAGCTGAGCCCGCTCACAAAG
 CAACGAGAATACCAGGAGAAGGAGATCCAGCGGCTCAATAAGGCCTGGAGGAGGCCCTCAGCATCCAGG
 CCTCTCCATCATCTCCGCTGCAGCTTTTGGGAGTCCAGAAGGCGTTGGGGCCATCTGAGGAAGCAGGA
 ACTAGTGACACAGAATGAGTTGCTGAAACAGCAGGTAAGATCTTTGAAGAGGACTTCCAGAGGGAACGG
 AGTGACCGTGAACGCATGAATGAAGAGAAGGAGGAGCTGAAGAAGCAAGTAGAGAAGCTGCAGGCCCAGG
 TCACCCTGACTAATGCCAGCTCAAACCTCAAAGAGGAGGAGAAGGCCAAGGAAGCCCTCAAACAGCA
 GAAGAGGAAAGCAAAGGCTTCGGGAGAGCGCTACCACATGGAACCCACCCTGAGCACGTCTGCGGCGCC
 TATCCCTATGCCATACCCACCCATGCCAGCCATGGTACCTACCATGCCTACAAGGACTGGTCCCAGATCC
 GATACCCCTCACCCCTGTGCCATGGAGCACCCGCCCCACACCCCAACTCTCGCTCTTCCATCTGCC
 GGAGTACACCTGGCGTCCACCCTGTGCAGGGATTGCGAATCAGAGCTCTCAAGTGTGACCCGCCCCCA
 GACAGGCCCTGCAGAGCCAGAGTCTGCAGACAATGACTGTGATGGGCCCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001199275

Insert Size: 1944 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_001199275.2, NP_001186204.1</u>
RefSeq Size:	2996 bp
RefSeq ORF:	1944 bp
Locus ID:	57783
Cytogenetics:	11 B1.3
Gene Summary:	<p>Inhibits NF-kappa-B activation and TNF-induced NF-kappa-B-dependent gene expression by regulating A20/TNFAIP3-mediated deubiquitination of IKBKG; proposed to link A20/TNFAIP3 to ubiquitinated IKBKG. Involved in regulation of EGF-induced ERK1/ERK2 signaling pathway; blocks MAPK3/MAPK1 nuclear translocation and MAPK1-dependent transcription. Increases cell surface CD4(T4) antigen expression. Involved in the anti-inflammatory response of macrophages and positively regulates TLR-induced activation of CEBPB. Involved in the prevention of autoimmunity; this function implicates binding to polyubiquitin. Involved in leukocyte integrin activation during inflammation; this function is mediated by association with SELPLG and dependent on phosphorylation by SRC-family kinases.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains an alternate exon in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>