OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC228567

Tnip1 (NM_001271456) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnip1 (NM_001271456) 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

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

View online »

Fully Sequenced ORF:

>MC228567 representing NM_001271456
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAGGGAGAGGACCCTACGGGATCTACGACCCAGGGGGCAGCACGCCTCTGGGAGAGGTGTCCGCAG
CTTTTGAACGTCTAGTGGAGGAGAATACTCGGCTGAAGGGAAAAATGCAAGGGATAAAGATGTTAGGGGA
GCTTCTGGAGGAGTCTCAGATGGAAGCGTCCAGACTCCGGCAGAAGGCAGAGGAGCTGGTCAAGGACAGC
GAGCTGTCACCACCGACATCTGCCCCCTCCTTGGTCTCCTTTGATGACCTGGCTGAGCTCACAGGACAGG
ATACAAAGGTCCAGGTACATCCTGCTACCAGCACTGCCGCCACCACCACCGCCACCGCCACCACGGGAAA
CTCCATGGAGAAGCCCGAGCCAGCCTCCAAATCTCCGTCCAATGGCGCCTCCTCGGACTTTGAAGTGGTC
CCTACTGAGGAGCAGAATTCACCCGAAACTGGCAGCCACCCTACGAACATGATGGACCTGGGGCCCCCAC
CCCCAGAGGACAGCAACCTGAAGCTCCACCTGCAGCGCCTGGAGACCACCCTTAGCGTGTGTGCAGAGGA
GCCAGACCACAGCCAGCTCTTCACCCACCTGGGCCGCATGGCCCTCGAGTTCAACAGGTTGGCCTCCAAA
GTGCATAAAAATGAGCAGCGCACCTCCATCCTGCAGACCTTATGTGAGCAGCTGCGCCAGGAGAATGAAG
CCCTGAAGGCCAAGCTGGACAAGGGCCTGGAACAGCGGGATCTGGCTGCTGAGAGGCTGCGGGAGGAAAA
CACGGAGCTCAAGAAACTGTTGATGAACAGCAGCTGCAAAGAGGGACTCTGTGGGCAGCCCAGCTCCCCA
AAGCCAGAGGGTGCTGGCAAGAAGGGCGTGGCTGGACAGCAGCAGGCCAGTGTGATGGCGAGTAAAGTCC
CTGAAGCGGGGGCCTTTGGAGCAGCTGAGAAGAAGGTGAAGTTGCTAGAACAGCAACGCATGGAGCTGCT
GGAAGTGAACAAGCAGTGGGACCAGCATTTCCGGTCCATGAAGCAGCAGTATGAGCAGAAGATCACAGAG
CTTCGCCAGAAGCTGGTGGACCTGCAGAAACAGGTAACTGAGCTGGAGGCCGAACGGGAGCAGAAGCAGC
GTGACTTTGACCGGAAACTCCTCCTGGCCAAATCGAAGATAGAGATGGAAGAGACCGACAAGGAGCAGCT
GACAGCAGAGGCCAAGGAACTGCGCCAGAAGGTCAGGTACCTACAGGATCAGCTGAGCCCGCTCACAAGG
CAACGAGAATACCAGGAGAAGGAGATCCAGCGGCTCAATAAGGCCCTGGAGGAGGCCCTCAGCATCCAGG
CCTCTCCATCATCTCCGCCTGCAGCTTTTGGGAGTCCAGAAGGCGTTGGGGGCCATCTGAGGAAGCAGGA
ACTAGTGACACAGAATGAGTTGCTGAAACAGCAGGTAAAGATCTTTGAAGAGGACTTCCAGAGGGAACGG
AGTGACCGTGAACGCATGAATGAAGAGAAGGAGGAGCTGAAGAAGCAAGTAGAGAAGCTGCAGGCCCAGG
TCACCCTGACTAATGCCCAGCTCAAAACTCTCAAAGAGGAGGAGAAGGCCAAGGAAGCCCTCAAACAGCA
GAAGAGGAAAGCAAAGGCTTCGGGAGAGCGCTACCACATGGAACCCCACCCTGAGCACGTCTGCGGCGCC
TATCCCTATGCCTACCCACCCATGCCAGCCATGGTACCTCACCATGCCTACAAGGACTGGTCCCAGATCC
GATACCCTCCACCCCCTGTGCCCATGGAGCACCCGCCCCCACACCCCAACTCTCGCCTCTTCCATCTGCC
GGAGTACACCTGGCGTCCACCCTGTGCAGGGATTCGGAATCAGAGCTCTCAAGTGATGGACCCGCCCCCA
GACAGGCCTGCAGAGCCAGAGCCAGCTGACCTCAGATTGCCAAAAGTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001271456

Insert Size: 1941 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.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

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_001271456.1, NP_001258385.1
RefSeq Size:	2817 bp
RefSeq ORF:	1941 bp
Locus ID:	57783
Cytogenetics:	11 B1.3
Gene Summary:	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] Transcript Variant: This variant (5) differs in the 5' UTR and uses an alternate splice site in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (3) is shorter and has a distinct C-terminus, compared to 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.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US