

## Product datasheet for **MC200531**

### Tnip1 (NM\_021327) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tnip1 (NM_021327) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnip1
Synonyms:	ABIN; ABIN-1; ABIN1; AU018810; Naf1; Nef; VAN
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC008186 sequence for NM\_021327  
 CCGGCCCGAAGCTCTCGTCTAGGCTAGGCGGCCGTACGGCAGGGGTTGAGCCACCCTCATGGAAGGG  
 AGAGGACCCTACCGGATCTACGACCCAGGGGCGAGCACGCCTCTGGGAGAGGTGTCCGCAGCTTTTGAAC  
 GTCTAGTGGAGGAGAATACTCGGCTGAAGGGAAAAATGCAAGGGATAAAGATGTTAGGGGAGCTTCTGGA  
 GGAGTCTCAGATGGAAGCGTCCAGACTCCGGCAGAAGGCAGAGGAGCTGGTCAAGGACAGCGAGCTGTCA  
 CCACCGACATCTGCCCTCCTTGGTCTCCTTTGATGACCTGGCTGAGCTCACAGGACAGGATACAAAGG  
 TCCAGGTACATCCTGCTACCAGCACTGCCGCCACCACCACCGCCACCACCACCGGGAACTCCATGGA  
 GAAGCCCGAGCCAGCCTCCAAATCTCCGTCCAATGGCGCCTCCTCGGACTTTGAAGTGGTCCCTACTGAG  
 GAGCAGAATTCACCCGAACTGGCAGCCACCCTACGAACATGATGGACCTGGGGCCCCACCCCCAGAGG  
 ACAGCAACCTGAAGCTCCACCTGCAGCGCTGGAGACCACCTTAGCGTGTGTGCAGAGGAGCCAGACCA  
 CAGCCAGCTTTACCCACCTGGGCCGATGGCCCTCGAGTTCAACAGGTTGGCTCCAAAGTGCATAAA  
 AATGAGCAGCGCACCTCCATCCTGCAGACCTTATGTGAGCAGCTGCGCCAGGAGAATGAAGCCCTGAAGG  
 CCAAGCTGGACAAGGGCCTGGAACAGCGGGATCTGGCTGCTGAGAGGCTGCGGGAGGAAAACACAGAGCT  
 CAAGAACTGTTGATGAACAGCAGCTGCAAGAGGGACTCTGTGGCAGCCAGCTCCCCAAGCCAGAG  
 GGTGCTGGCAAGAAGGGCTGGCTGGACAGCAGCAGGCCAGTGTGATGGCGAGTAAAGTCCCTGAAGCGG  
 GGGTCTTTGGAGCAGCTGAGAAGAAGGTGAAGTTGCTAGAACAGCAACGCATGGAGCTGTGGAAGTGAA  
 CAAGCAGTGGGACCAGCATTTCGGTCCATGAAGCAGCAGTATGAGCAGAAGATCACAGAGCTTCGCCAG  
 AAGCTGGTGGACCTGCAGAAACAGGTAAGTGGAGCTGGAGGCCGAACGGGAGCAGAAGCAGCGTGACTTTG  
 ACCGAAAACCTCCTCGGCCAAATCGAAGATAGAGATGGAAGAGACCCGACAAGGAGCAGCTGACAGCAGA  
 GGCCAAGGAACTGCGCCAGAAGGTCAAGTACCTACAGGATCAGCTGAGCCCGCTCACAAGGCAACGAGAA  
 TACCAGGAGAAGGAGATCCAGCGGCTCAATAAGGCCCTGGAGGAGGCCCTCAGCATCCAGGCCTCCTCAT  
 CATCTCCGCTGCAGCTTTTGGGAGTCTGAAGGCGTTGGGGCCATCTGAGGAAGCAGGAACTGGTGAC  
 ACAGAATGAGTTGCTGAAACAGCAGGTAAGATCTTTGAAGAGGACTTCCAGAGGGAACGGAGTGACCGT  
 GAACGCATGAATGAAGAGAAGGAGGAGCTGAAGAAGCAAGTAGAGAAGCTGCAGGCCAGGTCACCCTGA  
 CTAATGCCAGCTCAAACTCTCAAAGAGGAGGAGAAGGCCAAGGAAGTCTCAAACAGCAGAAGAGGAA  
 AGCAAAGGCTTCGGGAGAGCGCTACCACATGGAACCCACCTGAGCACGTCTGCGGCGCTATCCCTAT  
 GCCTACCCACCCATGCCAGCCATGGTACCTCACCATGCCATAAGGACTGGTCCCAGATCCGATACCCTC  
 CACCCCTGTGCCATGGAGCACCCGCCCCACACCCCAACTCTCGCCTTCCATCTGCCGGAGTACAC  
 CTGGCGTCCACCCTGTGCAGGCATTGGAATCAGAGCTCTCAAGTATGGACCCGCCCCAGACAGGCCCT  
 GCAGAGCCAGAGTCTGCAGACAATGACTGTGATGGGCCAGTGAGGCTGCAGTGGGTCAATTTGGTTCCA  
 CCTTCATCTTTCAGAGCCAGCTGACCTCAGATTGCCAAAAGTTTGAAGGCCATGTGCATGTTCTGTGTGA  
 CCCAAGCCTTGGCAGAGGAGAGGCTGGGATGGGTAGCTGGCTCACATCCCGAGCCAAGCCTCGAAGTGT  
 GACAAGACCAGGAGAACCACCCATGGGCGCCACCAGGTTCTTATGGATGCAAGGAGAAGCTCAACAC  
 CCTGCCTCTTGCCAAGACAAGGAAGCCTCACCTGGCTTTGACCTGCCATCCGTTGCTGAGGCCACTGGCT  
 TCCATCTAAGAAATGAGGTGCAACAAGACCCCATCTCACAGAACCTCAAAGACTTGGTTCCAGGCTCTC  
 CAGAGACCACACCCAACTCATGTGCATGTGCCGTTTTTGTCTCAAGCTCAGTAGCAGGACCTGCCCGAG  
 CCCCTGCTCCTTGTCCCTCTGTGAGGAGTTACGGAGAGGGCTTTGTCTCTAGAGCAGAAGAGAATGATG  
 GGACGGCCTGATGCTGTATGCTCTCCACTGCACCTGTGGCAGCCTCCTGAGAGCCACCAAGATCTGGGA  
 TGAAGGCCACACCAGCCATGTCTGCTGAAGGGCCCGACTGAAATGACTCCGGCCTCCACAGTTAGATG  
 TTTATGGTGCCAGAGGTCTATATTAAGGTAGCTGTCTGTTGCTAGGCAGCCGTTTGCACAAATCTTGAC  
 ATAAATCCAACCTGAAGATCAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_021327

**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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC008186</a></u> , <u><a href="#">AAH08186</a></u>
<b>RefSeq Size:</b>	2767 bp
<b>RefSeq ORF:</b>	1944 bp
<b>Locus ID:</b>	57783
<b>Cytogenetics:</b>	11 B1.3
<b>Gene Summary:</b>	<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 (1) encodes the longest isoform (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>