

Product datasheet for **SC116383**

TNIP1 (NM_006058) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNIP1 (NM_006058) Human Untagged Clone
Tag:	Tag Free
Symbol:	TNIP1
Synonyms:	ABIN-1; NAF1; nip40-1; VAN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC116383 sequence for NM_006058 edited (data generated by NextGen Sequencing)

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ATGGAAGGGAGAGGACCGTACCGGATCTACGACCCTGGGGNCAGCGTGCCCTCAGGNGAG
GCATCCGCAGCTTTTGAGCGCCTAGTGAAGGAGAATCCCGGCTGAAGGAAAAATGCAA
GGGATAAAGATGTTAGGGGAGCTTTTGGAAAGAGTCCCAGATGGAAGCGACCAGGCTCCGG
CAGAAGGCAGAGGAGCTAGTGAAGGACAACGAGCTGCTCCACCACCTTCTCCCTCTTG
GGCTCCTCGACCCCTGGCTGAGCTCACAGGAAAGGACTCAAATGTCACAGCATCTCCC
ACAGCCCCTGCATGCCCCAGTGACAAGCCAGCACCAAGTCCAGAAGCCTCCATCCAGTGGC
ACCTCCTCTGAATTTGAAGTGGTCACTCCTGAGGAGCAGAATTCACCAGAGAGCAGCAGC
CATGCCAATGCGATGGCGCTGGGCCCTGCCCGTGAGGACGGCAACCTGATGCTGCAC
CTGCAGCGCTGGAGACCAGCTGAGTGTGTGTGCCGAGGAGCCGGACCACGGCCAGCTC
TTCACCCACCTGGGCCGATGGCCCTGGAGTTCAACCGACTGGCATCCAAGGTGCACAAG
AATGAGCAGCGCACCTCCATTCTGCAGACCCTGTGTGAGCAGCTTCGGAAGGAGAACGAG
GCTCTGAAGGCCAAGTTGGATAAGGGCTGGAACAGCGGGATCAGGCTGCCGAGAGGCTG
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TCTGGGCCGCCAGGCTCACCGAAGATGGAAGGGACAGGCAAGAAGGCAGTGGCTGGACAG
CAGCAGGCTAGTGTGACGGCAGGTAAGGTCCCAGAGGTGGTGGCCTTGGGCGCAGCCGAG
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CAGCTGAGCCCACTACCCGACAGCGTGAGTACCAGGAAAAGGAGATCCAGCGGCTCAAC
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GGGAGCCCAGAAGGAGCAGGGGCCCTCCTAAGGAAACAGGAGCTGGTCAAGCAGAATGAG
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GTCACCTGTCAAATGCCAGCTAAAAGCATTCAAAGATGAGGAGAAGGCAAGAGAAGCC
CTCAGACAGCAGAAGAGGAAAGCAAAGGCCTCAGGAGAGCGTTACCATGTGGAGCCCCAC
CCAGAACATCTCTGCGGGGCTACCCCTACGCCTACCCGCCATGCCAGCCATGGTGCCA
CACCATGGCTTCGAGGACTGGTCCAGATCCGCTACCCCCCTCCCCCATGGCCATGGAG
CACCCGCCCCCACTCCCCAACTCGGCCTTTCATCTGCCGGAATACACCTGGCGTCTA
CCCTGTGGAGGGTTTCAAATCCAAATCAGAGCTCCCAAGTGATGGACCTCCCACAGCC
AGGCCTACAGAACCAGAGTCTCCAAAAAATGACCGTGAGGGGCCTCAGTGA

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Clone variation with respect to NM_006058.3
 41 g=>n;57 a=>n

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006058 unedited GTTAGNATTTTGTAAACGACTTCACTATAGGGCGGCCGGAATTCGCACGAGGCGGGG TGGACGCAGCAAGCGGGGCGTGTGTCCCAAGCTCCCGTCTCGGCCAGGCGGGCACC ACGGCAGGGGCTGAGCTACCTCATGGAAGGGAGAGGACCGTACCGGATCTACGACCCTG GGGGCAGCGTGCCTCAGGAGAGGCATCCGAGCTTTTGGAGCCCTAGTGAAGGAAATT CCCGCTGAAGGAAAAATGCAAGGGATAAAGATGTTAGGGGAGCTTTTGAAGAGTCCC AGATGGAAGCGACCAAGGCTCCGGCAGAAGGCAGAGGAGCTAGTGAAGGACAACGAGCTGC TCCACCACCTTCTCCCTCCTTGGGCTCCTTCGACCCCTGGCTGAGCTACAGGAAAGG ACTCAAATGTACAGCATCTCCACAGCCCTGCATGCCCAAGTACAAGCCAGCACCAG TCCAGAAGCTCCATCCAGTGGCACCTCCTCTGAATTTGAAGTGGTCACTCCTGAGGAGC AGAATTCACCAGAGAGCAGCAGCCATGCCAATGCGATGGCGTGGGCCCTGCCCGTG AGGACGGCAACCTGATGTGCACCTGCAGCGCTGGAGACCACGCTGAGTGTGTGTGCCG AGGAGCCGGACCACGGCCAGCTTTCACCCACCTGGGCCGATGGCCCTGGAGTTCAACC GACTGGCATCCAAGGTGCACAAGAATGAGCAGCGCACCTCCATTCTGCAGACCCTGTGTG AGCAGCTTCGGAAGGAGAACGAGGCTCTGAAGGCCAAGTGGNATAAGGGCTGGAACAGC GGATCAGGCTGCCGAGAGGCTGCCGGAGGAAAATTGGAGCTCAAGAAGTNGNTGATGAG CATGGCACAAAAGGGTGCCTCTGGGCGGCCAGGCTCACCGAAAATGGAG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006058 unedited GCCGCAATCNANAGTCGAGTTTTTTTTTTTTTTTTTTTGGATCTTCAACTTGGATTTAT GTCCATGATTCGTGCAAAATAGCTATCCAGGGATGGACAGCCACCCTAATCTGGGCTTCTG GCACCACAGGCCCTCCAGCTATGGGGTCCAGGGTCTGAACCTCAGGGCCTGGCAGCTTCAG GCTGGCGCCCCTCGGCGGACGTGGCTGGCATGGCCTTCTCCCATCTGTGATGGCTTCAGC AAGGCTACTGTGAGTGGTGGTGGAGAGGGCCCCAAAGCCAGAATATCCATCATTCTCTTC TGTTCTGGAGACAAACCCACACTTCCCACAGCTCCTCACAGAGGGGTAGGGGTGTGCGTG GGGCANGTCTGTACAGAGCTTGAAGCAAAAATTAACACACACAAAATTGGTCATGG CAACTAGAGGGCCTGAAACCACTTCCGGGAGGTTTTGAAGGAAGGGGGTCTTGGCTGCCT CCCCTCTTAGGATTGTCTCTGGAGGCTTCTGCAACGGATGGTGGGTCAAAGCCGGA TGAGGCCCTCTCCTCACTCAGCAGCAGGAAAGAGTTTTTCCCAGTCACTCCAGCAGAGT ACAAATGAAAGCCTTCTGGGTGGAGCCTCCCCAGTCTGTAACAGCTCACTTCAACGCA CCGGTGTACAAGCTTGGCACCCATCTCAGCCTCTCATCCAGCTGAGGCTCTGGCCACACC TGCCAAGGGGCTTCTACCTCCCTGGGAATCTGAGATAACTGGCTCTTGACAGCAAGGTG ACCCAAATGACACACCCGGGCTAATTGAGCCCTTCCGGCATTTCGAAACACCTGTTC TTTAGGCTGCTTTGGGAGGGCCCCCCCCCGCCCTGTTTGAATTAACCTTCTCCCGC GCCATTCGCGTTCGCCCCCAAAAGCCATTTGACCGGCCCCCTCTCATTTATG GCCGG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_006058
Insert Size:	3000 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_006058.2](#), [NP_006049.2](#)

RefSeq Size: 2921 bp

RefSeq ORF: 1911 bp

Locus ID: 10318

UniProt ID: [Q15025](#)

Cytogenetics: 5q33.1

Gene Summary: This gene encodes an A20-binding protein which plays a role in autoimmunity and tissue homeostasis through the regulation of nuclear factor kappa-B activation. Mutations in this gene have been associated with psoriatic arthritis, rheumatoid arthritis, and systemic lupus erythematosus. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]
Transcript Variant: This variant (5) uses an alternate splice site in the 3' coding region, compared to variant 1. The resulting isoform (3) is longer and contains a distinct Cz-terminus, compared to isoform 1. Variants 3, 4, 5 and 8 encode the same protein (isoform 3).