

## Product datasheet for **SC332722**

### TNIP1 (NM\_001258455) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TNIP1 (NM\_001258455) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TNIP1  
**Synonyms:** ABIN-1; NAF1; nip40-1; VAN  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332722 representing NM\_001258455.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAAGGGAGAGGACCGTACCGGATCTACGACCTGGGGCAGCGTGCCTCAGGAGAGGCATCCGCA
GCTTTTGAAGCCTAGTGAAGGAGAATCCCGGCTGAAGGAAAAATGCAAGGGATAAAGATGTTAGGG
GAGCTTTTGAAGAGTCCAGATGGAAGCGACAGGCTCCGGCAGAAGGCAGAGGAGCTAGTGAAGGAC
AACGAGCTGCTCCACCACCTTCTCCCTCCTTGGGCTCCTTCGACCCCTGGCTGAGCTCACAGGAAAG
GACTCAAATGTCACAGCATCTCCACAGCCCTGCATGCCCCAGTGACAAGCCAGCACCAGTCCAGAAG
CCTCCATCCAGTGGCACCTCCTCTGAATTTGAAGTGGTCACTCCTGAGGAGCAGAATTCACCAGAGAGC
AGCAGCCATGCCAATGCGATGGCGCTGGGCCCTGCCCCGTGAGGACGGCAACCTGATGCTGCACCTG
CAGCGCTGGAGACCACGCTGAGTGTGTGTGCCGAGGAGCCGGACCACGGCCAGCTTTCACCCACCTG
GGCCGCATGGCCCTGGAGTTCAACCGACTGGCATCCAAGGTGCACAAGAATGAGCAGCGCACCTCCATT
CTGCAGACCCTGTGTGAGCAGCTTCGGAAGGAGAACGAGGCTCTGAAGGCCAAGTTGGATAAGGGCCTG
GAACAGCGGGATCAGGCTGCCGAGAGGCTGCCGGGAGGAAAAATTTGGAGCTCAAGAAGTTGTTGATGAGC
AATGGCAACAAAGAGGGTGCCTCTGGCGGCCAGGCTCACCGAAGATGGAAGGGACAGGCAAGAAGGCA
GTGGCTGGACAGCAGCAGGCTAGTGTGACGGCAGGTAAGTCCCAGAGGTGGTGGCTTGGGCGCAGCC
GAGAAGAAGGTGAAGATGCTGGAGCAGCAGCGCAGTGTGCTGGAAGTGAACAAGCAGTGGGACCAG
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GAGATCCAGCGGCTCAACAAGGCCCTGGAGGAAGCACTGAGCATCAAACCCCGCCATCATCTCCACCA
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TTGCTGAAACAGCAGGTGAAGATCTTCGAGGAGGACTTCCAGAGGGAGCGCAGTGTGATGAGCGCATG
AATGAGGAGAAGGAAGAGCTGAAGAAGCAAGTGGAGAAGCTGCAGGCCAGGTACCCTGTCAAATGCC
CAGCTAAAAGCATTCAAAGATGAGGAGAAGGCAAGAGAAGCCCTCAGACAGCAGAAGAGGAAAGCAAAG
CCGGAATACACCTGGCGTCTACCCTGTGGAGGGTTTCAAATCAAATCAGAGCTCCAAGTGTGAGGAC
CCTCCACAGCCAGGCTACAGAACCAGAGTCTCAAAAAATGACCGTGAGGGGCCCTCAGTGA
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001258455



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<b>Insert Size:</b>	1719 bp
<b>OTI Disclaimer:</b>	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="#">NM_001258455.1</a></u>
<b>RefSeq Size:</b>	2525 bp
<b>RefSeq ORF:</b>	1719 bp
<b>Locus ID:</b>	10318
<b>UniProt ID:</b>	<u><a href="#">Q15025</a></u>
<b>Cytogenetics:</b>	5q33.1
<b>MW:</b>	64.5 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (9) lacks an exon and uses an alternate splice site in the 3' coding region which results in a frameshift compared to variant 1. The resulting protein (isoform 5) is shorter and has a distinct C-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>