

Product datasheet for **SC327456**

TNIP2 (NM_001161527) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNIP2 (NM_001161527) Human Untagged Clone
Tag:	Tag Free
Symbol:	TNIP2
Synonyms:	ABIN2; FLIP1; KLIP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001161527, the custom clone sequence may differ by one or more nucleotides ATGCAGCAGCTGCTGAGCCAGCCCAACACGAGCGAGAGAAGGAAGTCGTCCTGCTACGG AGGAGCATGGCAGAAGGGGAGCGCGCCCGGCCAGTGACGTCTGTGCCGCTCCTTG GCCAACGAGACCCATCAGCTGCGGAGGACGCTGACCGCCACCGCCACATGTGTACGAT CTGGCCAAGTGTCTGGATGAACGACAGCATGCACAAAGGAATGTGGGGGAGAGAAGTCCT GACCAGTCGGAACACACAGATGGGCACACCTCTGTCCAGAGTGTATTGAGAAGTTGCAG GAAGAAAATCGACTGTTAAAACAGAAGGTGACTCACGTTGAAGACCTCAATGCCAAGTGG CAGCGCTACAACGCCAGCAGGGACGAATACGTGAGGGGGCTCCATGCGCAGCTCAGGGGG CTGCAGATCCCCACGAGCCCGAGCTGATGAGGAAGGAGATCTCCCGGCTCAACAGACAG TTGGAAGAGAAAATAAATGACTGTGCCGAAGTGAAGCAGGAGCTGGCGGCCTCCAGGACG GCCCGGATGCTGCGTTGGAGCGGGTGCAGATGCTGGAACAGCAGATTCTCGCTTACAAG GATGACTTCATGTGAGAAAGGGCCGATCGGGAACGGGCTCAAAGTAGGATTCAAGAACTG GAGGAAAAGTTCGCTCTTTGCTGCACCAGGTGTCTGGAGACAGGATTCTCGAGAGCCA GACGCCGCGCGGATTCACGCTGGGAGCAAACTGCCAAGTATTTGGCCGCGACGCATTA GAGCTTATGGTGCCTGGTGGCTGGAGCCCTGGGACTGGTCCCAGCAGCCAGAACCCCT GCAGAGGGCGGGCATCCTGGCGCGGCCAGAGAGGCCAGGGGGACCTTCAGTGCCCTCAC TGCCCTGCAGTGCTTCAGTGACGAGCAAGGGGAAGAGCTCCTCAGGCATGTGGCTGAGTGC TGCCAG
Restriction Sites:	Please inquire
ACCN:	NM_001161527



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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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001161527.1, NP_001154999.1</u>
RefSeq Size:	1707 bp
RefSeq ORF:	969 bp
Locus ID:	79155
UniProt ID:	<u>Q8NFZ5</u>
Cytogenetics:	4p16.3
Gene Summary:	<p>This gene encodes a protein which acts as an inhibitor of NFkappaB activation. The encoded protein is also involved in MAP/ERK signaling pathway in specific cell types. It may be involved in apoptosis of endothelial cells. Alternative splicing results in multiple transcript variants. A pseudogene related to this gene is located on the X chromosome.[provided by RefSeq, May 2014]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus compared to isoform 1.</p>