

Product datasheet for **SC335509**

TNIP2 (NM_001292016) Human Untagged Clone

Product data:

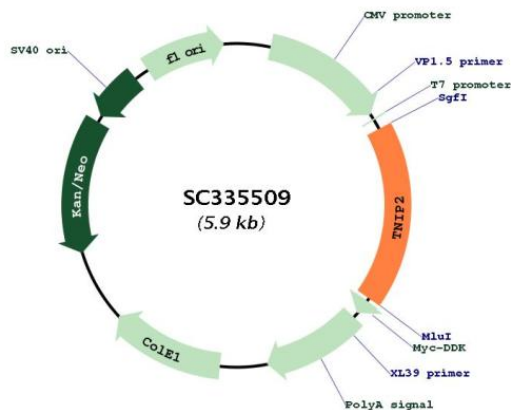
Product Type:	Expression Plasmids
Product Name:	TNIP2 (NM_001292016) Human Untagged Clone
Tag:	Tag Free
Symbol:	TNIP2
Synonyms:	ABIN2; FLIP1; KLIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335509 representing NM_001292016. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGTCCCGGGACCCGGGGTCGGGCGGCTGGGAGGAGGCCCGCGCGCAGCTGCCGCGCTCTGCACCCCTG
TACCACGAGGCCGGACAGCGGCTGCGCCGCTGCAGGACCAGCTCGTGCCTCCGCGACGCCCTCATCGCT
CGCCTCCGCGCCCGCTGGCCGCGCTGGAGGGGACGCCGCGCCGTCCCTAGTGGACGCGCTGCTGGAG
CAGGTTGCGCGCTTCCGGGAGCAGCTGCGAAGGCAGGAGGGCGCCGCCGAGGCCAGATGCGCCAG
GAAATTGAGAGGCTGACTGAGCGACTAGAAGAAAAGAGAGGGAGATGCAGCAGCTGCTGAGCCAGCCC
CAACACGAGCGAGAGAAGGAAGTCGTCCTGCTACGGAGGAGCATGGCAGAAGGGGAGCGCCCGGGCC
GCCAGTGACGTCTGTGCCGCTCCTTGGCCAACGAGACCCATCAGCTGCGGAGGACGCTGACCGCCACC
GCCACATGTGTCAAGTCTGGCCAAGTGTCTGGATGAACGACAGCATGCACAAAGGAATGTGGGGGAG
AGAAGTCTGACCGAGTCGGAACACACAGATGGGCACACCTCTGTCCAGAGTGTTATTGAGAAGTTGCAG
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CAGGTGTCCTGGAGACAGGATTCTCGAGAGCCAGACGCCGGCCGATTACGCTGGGAGCAAAACTGCC
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CAGCCAGAACCCCTGCAGAGGGCGGGCATCCTGGCGCGCCAGAGAGGCCAGGGGGACCTTCAGTGC
CCTCACTGCCTGCAGTGCTTCAGTGACGAGCAAGGGGAAGAGCTCCTCAGGCATGTGGCTGAGTGCTGC
CAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001292016

Insert Size: 1041 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_001292016.1](#)

RefSeq Size: 1744 bp

RefSeq ORF: 1041 bp

Locus ID: 79155

UniProt ID: [Q8NFZ5](#)

Cytogenetics: 4p16.3

MW: 38.9 kDa

Gene Summary:

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]

Transcript Variant: This variant (3) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1. It encodes isoform 3, which lacks an internal segment and is shorter than isoform 1.