OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC112274

TNIP2 (NM_024309) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNIP2 (NM_024309) Human Untagged Clone
Tag:	Tag Free
Symbol:	TNIP2
Synonyms:	ABIN2; FLIP1; KLIP
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC112274 sequence for NM_024309 edited (data generated by NextGen Sequencing)

```
ATGTCCCGGGACCCGGGGTCGGGCGGCTGGGAGGAGGCCCCGCGCGCAGCTGCCGCGCTC
TGCACCCTGTACCACGAGGCCGGACAGCGGCTGCGCCGCCTGCAGGACCAGCTCGCTGCC
CGCGACGCCCTCATCGCTCGCCTCCGCGCCCGCCTGGCTGCGCTGGAGGGGGACGCCGCG
CCGTCCCTAGTGGACGCGCTGCTGGAGCAGGTTGCGCGCTTCCGGGAGCAGCTGCGAAGG
CAGGAGGGCGGCGCCGCCGAGGCCCAGATGCGCCAGGAAATTGAGAGGCTGACTGAGCGA
CTAGAAGAAAAAGAGAGGGAGATGCAGCAGCTGCTGAGCCAGCCCCAACACGAGCGAGAG
AAGGAAGTCGTCCTGCTACGGAGGAGCATGGCAGAAGGGGAGCGCGCCCGGGCCGCCAGT
GACGTCCTGTGCCGCTCCTTGGCCAACGAGACCCATCAGCTGCGGAGGACGCTGACCGCC
ACCGCCCACATGTGTCAGCATCTGGCCAAGTGTCTGGATGAACGACAGCATGCACAAAGG
AATGTGGGGGAGAGAAGTCCTGACCAGTCGGAACACACAGATGGGCACACCTCTGTCCAG
AGTGTTATTGAGAAGTTGCAGGAAGAAAATCGACTGTTAAAACAGAAGGTGACTCACGTT
GAAGACCTCAATGCCAAGTGGCAGCGCTACAACGCCAGCAGGGACGAATACGTGAGGGGG
CTCCATGCGCAGCTCAGGGGGCTGCAGATCCCCCACGAGCCCGAGCTGATGAGGAAGGAG
ATCTCCCGGCTCAACAGACAGTTGGAAGAGAAAATAAATGACTGTGCCGAAGTGAAGCAG
GAGCTGGCAGCCTCCAGGACGGCCCGGGATGCTGCGTTGGAGCGGGTGCAGATGCTGGAA
CAGCAGATTCTCGCTTACAAGGATGACTTCATGTCAGAAAGGGCCGATCGGGAACGGGCT
CAAAGTAGGATTCAAGAACTGGAGGAAAAGGTCGCCTCTTTGCTGCACCAGGTGTCCTGG
AGACAGGATTCTCGAGAGCCAGACGCCGGCCGGATTCACGCTGGGAGCAAAACTGCCAAG
TATTTGGCCGCCGACGCATTAGAGCTTATGGTGCCTGGTGGCTGGAGGCCTGGGACTGGG
TCCCAGCAGCCAGAACCCCCTGCAGAGGGCGGGCATCCTGGCGCGGCCCAGAGAGGCCAG
GGGGACCTTCAGTGCCCTCACTGCCTGCAGTGCTTCAGTGACGAGCAAGGGGAAGAGCTC
CTCAGGCATGTGGCCGAGTGCTGCCAGTGA

Clone variation with respect to NM_024309.3
159 c=>t;849 g=>a;1275 t=>c
```

View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024309 unedited
TCAAATATTTGTAATACGACTCACTATAGGGCGGCCGCGAATTCGCACCAGGCCGGCGGC
CGCGCGGCCTCCCGGGCGGGCCTACAGCCATGTCCCGGGACCCGGGGTCGGGCGGCTGGG
AGGAGGCCCCGCGCGCAGCTGCCGCGCTCTGCACCCTGTACCACGAGGCCGGACAGCGGC
TGCGCCGCCTGCAGGACCAGCTCGCTGCCCGCGACGCCCTCATCGCTCGCCTCCGCGCCC
GCCTGGCTGCGCTGGAGGGGGACGCCGCGCCGTCCCTAGTGGACGCGCTGCTGGAGCAGG
TTGCGCGCTTCCGGGAGCAGCTGCGAAGGCAGGAGGGCGGCGCCGCCGAGGCCCAGATGC
GCCAGGAAATTGAGAGGCTGACTGAGCGACTAGAAGAAAAAGAGAGGGAGATGCAGCAGC
TGCTGAGCCAGCCCCAACACGAGCGAGAGAAGGAAGTCGTCCTGCTACGGAGGAGCATGG
CAGAAGGGGAGCGCGCCCGGGCCGCCAGTGACGTCCTGTGCCGCTCCTTGGCCAACGAGA
CCCATCAGCTGCGGAGGACGCTGACCGCCACCGCCCACATGTGTCAGCATCTGGCCAAGT
GTCTGGATGAACGACAGCATGCACAAAGGAATGTGGGGGAGAGAAGTCCTGACCAGTCGG
AACACACAGATGGGCACACCTCTGTCCAGAGTGTTATTGAGAAGTTGCAGGAAGAAAATC
GACTGTTAAAACAGAAAGTGACTCACGTTGAAGACCTCATGCCAAGTGGCAGCGCTACAA
CGCCAGCAGGGACGAATACGTGAGGGGGCTCCATGCGCAGCTCAGGNGGCTGCAGATCCC
CACGAGCCCGAGCTGATGAGAAGGAGATCTCCNNGCTCACAGACAGTTGGAAGAGAAAAT
AATGACTGTGCCGAANTGAAGCAGACTGGCAGCTCCAGACGNCCGGNTGCTGCGTTGNAC
GGTGCANAGCTGAACAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024309 unedited
CGAGTTTTTATTCTTTTTTTTTTTTTTTTTTTCCCATCAGCAAGAACGTTTATTATAAAA
ATAGGTGGAATAAAGTAAGTGTGCTTTAACTTCCGGCTGGATGACAAATGCTACTGAAAT
GCAGTTTCTCAGTGCAAACATGTGGCATGCAATGGCGGGGGTGGCCACCCTAGTGTGACG
TGCAGCCGCAATACTCCATTTGACTGGTTCGAGGCAAAAAGGCGACGCTTTATTCCATAA
AACAGGATGGGGCTCCCACCCTGGGGACCATACAAGTGACTCCCTCAGGCAGCCACCCCT
TTCTAGGCAGGCTGGGGGAGGGGCTGGCACACCAGCACCAGATAGCTCTGGCTTAAGCCT
GATGGAGACACAGACTGGGACCTCCCTCTGCCAGATGTTCCTGACCCCATCTCCACCTCC
AGCCTCCAGCCTCACTGGCAGTTCCCTGTGACCCAGCCTGTTCCATAGCCAAAGGGACCA
AAGTGAACGATCAGAGTGCCCCGCAACTATTCTAGGGGCCTTGGCTCTCAGTAGAGCTCA
ACCCATGGCATCTGAGAGCACCCACCCTGTCCCTGAGGGCAGCTGCACCGGGCCAGGAGG
CCGCAAGGGCACGGGTGAGTCTCGGTCACTGGCAGCACTCGGCCACATGCCTGAGGAGCT
CTTCCCCTTGCTCGTCACTGAAGCACTGCAGGCAGTGAGGGCACTGAAGGTCCCCCTGGC
CTCTCTGGGCCGCGCCAGGATGCCCGCCCTCTGCAGGGGGTTCTGGCTGCTGGGACCCAG
TCCCAGGCCTCCAGCCACCAGGCACCATAAGCTCTAATGCGTCGGCCGCCAAATACTTGG
CAGTTTTGCTCCCACGTGAATCCGGCCGGCGTCTGGCTCTCGAGAATCCTGTCTCCAGGA
ACCTGGTGCAGCAAAGAGCCG

Restriction Sites: NotI-NotI

ACCN: NM_024309

Insert Size: 2250 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_024309.2, NP_077285.2
RefSeq Size:	1951 bp
RefSeq ORF:	1290 bp
Locus ID:	79155
UniProt ID:	Q8NFZ5
Cytogenetics:	4p16.3
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 (1) represents the longer transcript and encodes the longer isoform (1).