

Product datasheet for **RC237615**

TNIP2 (NM_001292016) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TNIP2 (NM_001292016) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TNIP2
Synonyms: ABIN2; FLIP1; KLIP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC237615 representing NM_001292016
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCCCGGGACCCGGGGTCTGGGCGGCTGGGAGGAGGCCCGCGCGCAGCTGCCGCGCTCTGCACCCGT
ACCACGAGGCCGGACAGCGGCTGCGCCGCTGCAGGACCAGCTCGCTGCCGCGACGCCCTCATCGCTCG
CCTCCGCGCCCGCTGGCCGCGCTGGAGGGGACGCCGCGCCCTAGTGGACGCGCTGCTGGAGCAG
GTTGCGCGCTTCCGGGAGCAGCTGCGAAGGCAGGAGGGCGCCGCGCCGAGGCCAGATGCGCCAGGAAA
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CGAGCGAGAGAAGGAAGTCGTCCTGCTACGGAGGAGCATGGCAGAAGGGGAGCGCGCCCGGGCCGCCAGT
GACGTCCTGTGCCGCTCCTTGGCCAACGAGACCCATCAGCTGCGGAGGACGCTGACCGCCACCGCCACA
TGTGTCAGCATCTGGCCAAGTGTCTGGATGAACGACAGCATGCACAAAGGAATGTGGGGGAGAGAAGTCC
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CGACTGTAAAACAGAAGGTGACTCACATTCTCGCTTACAAGGATGACTTCATGTCAGAAAGGGCCGATC
GGGAACGGGCTCAAAGTAGGATTCAAGAACTGGAGGAAAAGGTCGCTCTTTGCTGCACCAAGTGTCTG
GAGACAGGATTCTCGAGAGCCAGACGCCGCGGATTACGCTGGGAGCAAACTGCCAAGTATTTGGCC
GCCGACGCATTAGAGCTTATGGTGCCTGGTGGCTGGAGGCTGGGACTGGTCCCAGCAGCCAGAACCC
CTGCAGAGGGCGGGCATCCTGGCGCGCCAGAGAGGCCAGGGGGACCTTCAGTGCCCTCACTGCCTGCA
GTGCTTCACTGACGAGCAAGGGGAAGAGCTCCTCAGGCATGTGGCTGAGTGTGCCAG

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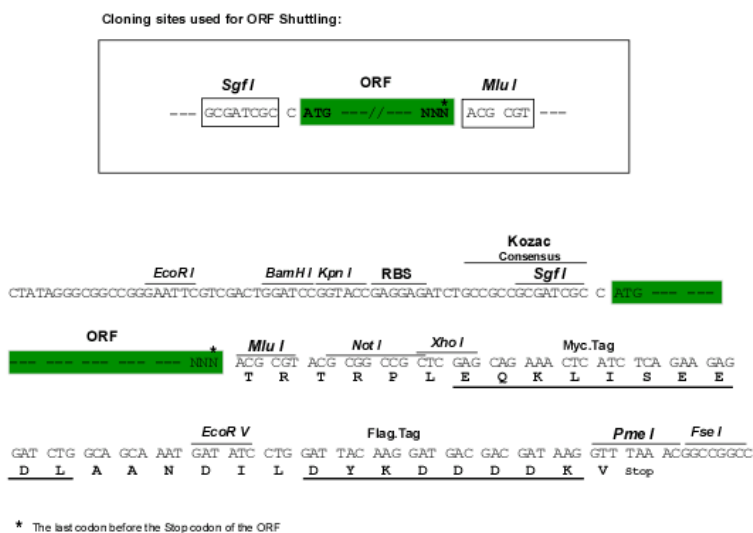
Protein Sequence: >RC237615 representing NM_001292016
Red=Cloning site Green=Tags(s)

MSRDPGSGGWEEAPRAAAALCTLYHEAGQRLRRLQDQLAARDAL IARLRARLAALLEGDAAPSLVDALLEQ
 VARFREQLRREQEGGAAEAQMRQEIERL TERLEEKEREMQQLLSQPQHEREKEVLLRRSMAEGERARAAS
 DVLCRSLANETHQLRRTL TATAHMCQHLAKCLDERQHAQRNVGERSPDQSEHTDGHTSVQSVIEKLQEEN
 RLLKQKVTHILAYKDDFMSEADRERAQSRIQELEEKVASLLHQVSWRQDSREPDAGRIHAGSKTAKYLA
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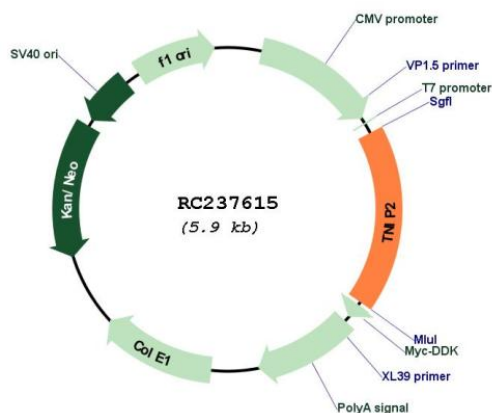
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001292016
ORF Size: 1038 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001292016.2
RefSeq Size:	1744 bp
RefSeq ORF:	1041 bp
Locus ID:	79155
UniProt ID:	Q8NFZ5
Cytogenetics:	4p16.3
MW:	39.4 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]