

## Product datasheet for **RG237615**

### TNIP2 (NM\_001292016) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TNIP2 (NM_001292016) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TNIP2
Synonyms:	ABIN2; FLIP1; KLIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237615 representing NM_001292016. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTGAAACCGTCAGAATTTGTAAATACGACTACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCCGGGACCCGGGGTCTGGGCGGCTGGGAGGAGGCCCGCGCGCAGCTGCCGCGCTCTGCACCCCTG
TACCACGAGGCCGACAGCGGCTGCGCCGCTGCAGGACCAGCTCGCTGCCCGGACGCCCTCATCGCT
CGCCTCCGCGCCCGCTGGCCGCGCTGGAGGGGACGCCGCGCCGTCCTAGTGGACGCGCTGCTGGAG
CAGGTTGCGCGCTTCCGGGAGCAGCTGCGAAGGCAGGAGGGCGGCCGCGCCGAGGCCAGATGCGCCAG
GAAATTGAGAGGCTGACTGAGCGACTAGAAGAAAAGAGAGGGAGATGCAGCAGCTGCTGAGCCAGCCC
CAACACGAGCGAGAGAAGGAAGTCGTCCTGCTACGGAGGAGCATGGCAGAAGGGGAGCGCCCGGGCC
GCCAGTGACGTCCTGTGCCGCTCCTTGGCCAACGAGACCCATCAGCTGCGGAGGACGCTGACCGCCACC
GCCACATGTGTGTCAGCATCTGGCCAAGTGTCTGGATGAACGACAGCATGCACAAAGGAATGTGGGGGAG
AGAAGTCTGACCGTCCGGAACACACAGATGGGCACACCTCTGTCCAGAGTGTTATTGAGAAGTTGCAG
GAAGAAAATCGACTGTTAAAACAGAAGGTGACTCACATTCGCTTACAAGGATGACTTCATGTCAGAA
AGGGCCGATCGGGAACGGGCTCAAAGTAGGATTAAGAAGTGGAGGAAAAGGTGCGCTCTTTGCTGCAC
CAGGTGTCCTGGAGACAGGATTCTCGAGAGCCAGACGCCGCGCGGATTACGCTGGGAGCAAAAATGCC
AAGTATTTGGCCCGACGCATTAGAGCTTATGGTGCTGGTGGCTGGAGGCTGGGACTGGGTCCCAG
CAGCCAGAACCCCTGCAGAGGGCGGGCATCCTGGCGCGGCCAGAGAGGCCAGGGGACCTTCAGTGC
CCTCACTGCCTGCAGTGCTTCAGTGACGAGCAAGGGGAAGAGCTCCTCAGGCATGTGGCTGAGTGCTGC
CAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG237615  
 Blue=ORF Red=Cloning site Green=Tag(s)

MSRDPGSGGWEEAPRAAAALCTLYHEAGQRLRRLQDQLAARDAL IARLRARLAALLEGDAAPSLVDALLE  
 QVARFREQLRRQEGGAAEAQMRQEIERLTERLEEKEREMQQLLSQPHEREKEVLLRRSMAEGERARA  
 ASDVLCRSLANETHQLRRTLTA AHMCQHLAKCLDERQHAQRNVGERSPDQSEHTDGHTSVQSVIEKLQ  
 EENRLLKQKVTHILAYKDDFMSEADRERAQSRIQELEEKVASLLHQVSWRQDSREPDAGRIHAGSKTA  
 KYLAADALELMVPGGWRP GTGSQQPEPPAEGGHPGAAQRGQDLCPCPHCLQCF SDEQGEELLRHVAECC  
 Q  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**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).

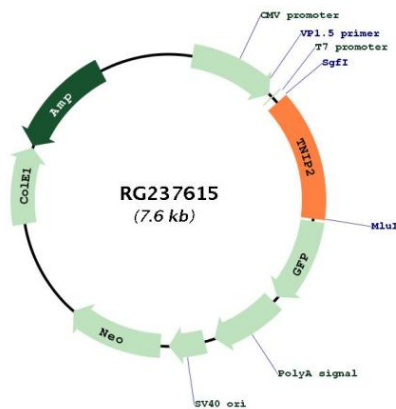
**RefSeq:** [NM\\_001292016.2](#)

**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]

**Product images:**



Circular map for RG237615