

## Product datasheet for **RG201252**

### TRIP (TRAIP) (NM\_005879) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TRIP (TRAIP) (NM_005879) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIP
Synonyms:	RNF206; SCKL9; TRIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG201252 representing NM\_005879  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCTATCCGTGCTCTGTGCACTATCTGCTCCGACTTCTTCGATCACTCCCGCAGCTGGCCGCCATCC  
 ACTGCGGCCACACCTTCCACTTGCAGTGCCTAATTCAGTGGTTTGAGACAGCACCAAGTCGGACCTGCC  
 ACAGTGCCGAATCCAGGTTGGCAAAAAGAACCATTATCAATAAGCTCTTTGATCTTGCCAGGAGGAG  
 GAGAATGTCTGGATGCAGAATTCTAAAGAATGAACTGGACAATGTCAGAGCCAGCTTTCCAGAAAAG  
 ACAAGGAGAAACGAGACAGCCAGGTCATCATCGACACTCTGCGGGATACGCTGGAAGAACGCAATGCTAC  
 TGTGGTATCTCTGCAGCAGGCCCTGGGCAAGGCCGAGATGCTGTGCTCCACACTGAAAAAGCAGATGAAG  
 TACTTAGAGCAGCAGGATGAGACCAACAAGCACAAAGAGGAGGCCCGCCGGCTCAGGAGCAAGATGA  
 AGACCATGGAGCAGATTGAGCTTCTACTCCAGAGCCAGCGCCCTGAGGTGGAGGAGATGATCCGAGACAT  
 GGGTGTGGGACAGTCAGCGGTGGAACAGCTGGCTGTGTACTGTGTCTCTCAAGAAAGAGTACGAGAAT  
 CTAAGAGAGGCACGGAAGGCCTCAGGGGAGGTGGCTGACAAGCTGAGGAAGGATTTGTTTTCTCCAGAA  
 GCAAGTTGCAGACAGTCTACTCTGAATTGGATCAGGCCAAGTTAGAAGTGAAGTCAGCCAGAAGGACTT  
 ACAGAGTGCTGACAAGGAAATCATGAGCCTGAAAAAGAAGCTAACGATGCTGCAGGAAACCTTGAACCTG  
 CCACCAAGTGGCCAGTGAGACTGTGACCGCCTGGTTTTAGAGAGCCAGCCCTGTGGAGGTGAATCTGA  
 AGCTCCGCCGCCATCCTTCCGTGATGATATTGATCTCAATGCTACCTTTGATGTGGATACTCCCCCAGC  
 CCGGCCCTCCAGTCCCAGCATGGTTACTACGAAAAACTTTGCCTAGAGAAGTCACTCCCAATTCAG  
 GATGTCCCAAGAAGATATGCAAGGCCCCAGGAAGGAGTCCCAGCTCTACTGGGTGGCCAGAGCTGTG  
 CAGGAGAGCCAGATGAGGAAGTGGTTGGTGCCTCCCTATTTTTGTCCGGAATGCCATCCTAGGCCAGAA  
 ACAGCCCAAGAGGCCAGGTCAGAGTCCTCTTGCAGCAAAGATGTGGTAAGGACAGGCTTCGATGGGCTC  
 GGTGGCCGGACAAAATTCATCCAGCCTACTGACACAGTCATGATCCGCCATTGCCTGTTAAGCCCAAGA  
 CCAAGGTTAAGCAGAGGGTGAAGGTGAGGAGTGCCTTCTCTTCCAGGCCAAGCTGGACACCTTCTCT  
 GTGGTCG

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>RG201252 representing NM\_005879  
 Red=Cloning site Green=Tags(s)

MPIRALCTICSDFFDHSRDVAAIHCGHFHLQCLIQWFETAPSRTCPCQRIQVGRKRTIINKLFFDLAQEE  
 ENVLDAEFLKNELDNVRAQLSQDKKEKRD SQVIIDTLRDTLEERNATVVSLOQALGKAEMLCSTLKKQMK  
 YLEQQQDETKQAQEEARRLRSMKMTMEQIELLLQSQRPEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYEN  
 LKEARKASGEVADKLRKDLFSSRSKLQTVYSELQAKLELKSQKDLQSADKEIMSLKKL TMLQETLNL  
 PPVASETVDRVLVLESPAPVEVNLKLRPSFRDDIDLNATFDVDTPPARPSSSQHGYYEKLCEKSHPIQ  
 DVPKICKGPRKESQLSLGGQSCAGEPDEELVGAFFIFVRNAILGQKQPKRPRSESSCKDVVRTGFDGL  
 GGRTKFIQPTDTVMIRPLPVKPKTKVKQRVVKTVPSLQAKLDTFLWS

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_005879

**ORF Size:** 1407 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:**

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\\_005879.3](#)

**RefSeq Size:** 2042 bp

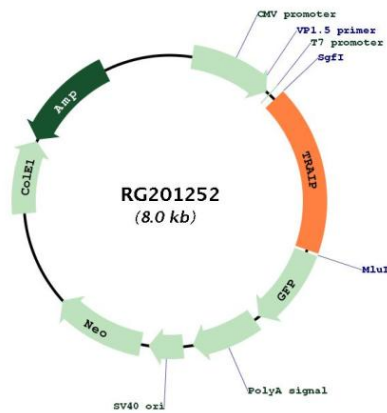
**RefSeq ORF:** 1410 bp

**Locus ID:** 10293

**UniProt ID:** [Q9BWF2](#)

**Cytogenetics:** 3p21.31  
**Domains:** RING  
**Protein Families:** Druggable Genome, Stem cell - Pluripotency  
**Gene Summary:** This gene encodes a protein that contains an N-terminal RING finger motif and a putative coiled-coil domain. A similar murine protein interacts with TNFR-associated factor 1 (TRAF1), TNFR-associated factor 2 (TRAF2), and cylindromatosis. The interaction with TRAF2 inhibits TRAF2-mediated nuclear factor kappa-B, subunit 1 activation that is required for cell activation and protection against apoptosis. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RG201252