

Product datasheet for **RG213994**

TRIM17 (NM_016102) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	TRIM17
Synonyms:	RBCC; RNFI6; terf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG213994 representing NM_016102
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGGCTGTGGAACCGCCAGAAAACGAGGAGGAAGCTACGTGCTCCATCTGTCTGGATTACTTCA
 CAGACCCTGTGATGACCACCTGTGGCCACAACCTCTGCCGAGCCTGCATCCAGCTGAGCTGGGAAAAGGC
 GAGGGGCAAGAAGGGGAGGCGGAAGCGGAAGGGCTCCTTCCCTGCCCCGAGTGCAGAGAGATGTCCCCG
 CAGAGGAACCTGCTGCCAACCGGCTGTGACCAAGGTGGCCGAGATGGCGCAGCAGCATCCTGGTCTGC
 AGAAGCAAGACCTGTGCCAGGAGCACACGAGCCCTCAAGCTTTTCTGCCAGAAGGACAGAGCCCCAT
 CTGTGTGGTGTGCAGGGAGTCCCGGAGCACCGGCTGCACAGGGTGTGCCCGCCGAGGAGGCAGTGCAG
 GGGTACAAGTTGAAGCTGGAGGAGGACATGGAGTACCTTCGGGAGCAGATCACCAGGACAGGGAATCTGC
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 CAAGTACTTATCCACCTTCTCTGCCCTAACCCCGGTATGCTGATGGAGCCTCCAGCCACATGGGCATC
 TTCCTGGACTTCGAAGCCGGGGAAGTGTCTTCTACAGTGTAAAGCATGGGTCCACCTGCACACCTACT
 CCCAGGCCACCTTCCAGGCCCTTCGAGCCTTCTTCTGCCTGGGGCTCCGAAGTCTGGTCAGATGGT
 CATCTCCACAGTGACCATGTGGGTGAAAGGA

AGCGGACCGACGCGTACGCGCGGCTCGAG - GFP Tag - GTTTAA

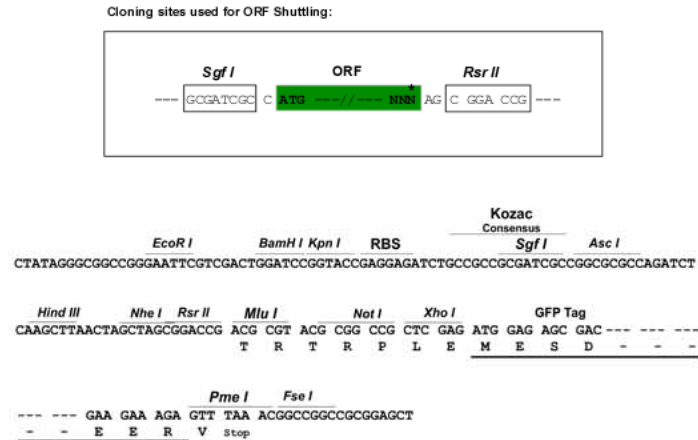
Protein Sequence: >RG213994 representing NM_016102
 Red=Cloning site Green=Tags(s)

MEAVELARKLQEEATCSICLDYFTDPVMTTCGHNFCRACIQLSWEKARGKKGRKRKGSFPCPECREMSP
 QRNLLPNRLLTKVAEMAQHPGLQKQDLQEHHEPLKLFQKQDQSPICVVCRESREHRLHRVLPAAEAVQ
 GYKLEEDMEYLREQITRTGNLQAREEQSLAEWQGVKERRERIVLEFEKMNLVLEEEQRLQLALETE
 EEETASRLRESVACLDRQHSLELLLLQLEERSTQGPLQMLQDMKEPLSRKNNVSVQCPEVAPPTRPRTV
 CRVPGQIEVLRGFLEDVVPDATSAYPYLLLYESRQRRYLGSSEPGSGFCSKDRFVAYPCAVGQTAFFSSGR
 HYWEVGMNITGDALWALGVCRDNVSRKDRVPKCPENGFVVVQLSKGTKYLSTFSALTPVMLMEPPSHMGI
 FLDFEAGEVSFYVSVDGSHLHTYSQATFPGLQPFCLGAPKSGQMVISTVTMWVKG

SGPTRRRLE - GFP Tag - V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_016102

ORF Size: 1431 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

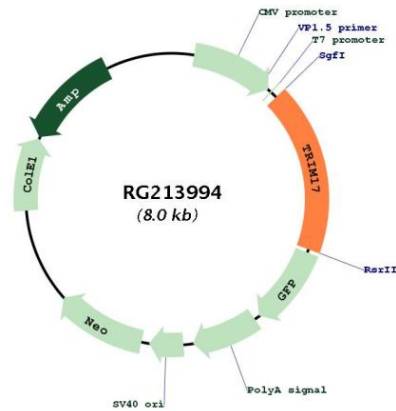
RefSeq: [NM_016102.4](#)

RefSeq Size: 1851 bp
RefSeq ORF: 1434 bp
Locus ID: 51127
UniProt ID: [Q9Y577](#)
Cytogenetics: 1q42.13

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic bodies. The protein is expressed almost exclusively in the testis, but its function is unknown. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG213994