

Product datasheet for **RC213994**

TRIM17 (NM_016102) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM17 (NM_016102) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRIM17
Synonyms:	RBCC; RNF16; terf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC213994 representing NM_016102
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCTGTGGAACCTGCCAGAAAATCGCAGGAGGAAGCTACGTGCTCCATCTGTCTGGATTACTTCA
 CAGACCCTGTGATGACCACCTGTGGCCACAACCTCTGCCGAGCCTGCATCCAGCTGAGCTGGGAAAAGGC
 GAGGGCAAGAAGGGGAGGCGGAAGCGGAAGGGCTCCTTCCCCTGCCCGAGTGCAGAGAGATGTCCCCG
 CAGAGGAACCTGCTGCCAACCGGCTGCTGACCAAGGTGGCCGAGATGGCGCAGCAGCATCCTGGTCTGC
 AGAAGCAAGACCTGTGCCAGGAGCACCAGAGCCCTCAAGCTTTTCTGCCAGAAGGACCAGAGCCCAT
 CTGTGTGGTGTGCAGGGAGTCCCGGAGCACCAGGCTGCACAGGGTGTGCCCGCCGAGGAGGAGTGCAG
 GGGTACAAGTTGAAGCTGGAGGAGGACATGGAGTACCTTCGGGAGCAGATCACCAGGACAGGGAATCTGC
 AGGCCAGGAGGAGCAGAGCTTAGCCGAGTGGCAGGGCAAGGTGAAGGAGCGGAGAGAACGCATTGTGCT
 GGAGTTTGAGAAGATGAACCTCTACCTGGTGAAGAAGAGCAGAGGCTCCTCCAGGCTCTGGAGACGGAA
 GAAGAGGAGACTGCCAGCAGGCTCCGGGAGAGCGTGGCCTGCCTGGACCGCAGGGTCACTCTCTGGAGC
 TGCTGCTGCTGCAGCTGGAGGAGCGGAGCACACAGGGGCCCTCCAGATGCTGCAGGACATGAAGGAACC
 CCTGAGCAGGAAGAACAACGTGAGTGTGCAGTGCACAGAGTTGCCCCCAACCCAGACCCAGGACTGTG
 TGCAGAGTTCCCGGACAGATTGAAGTGCTAAGAGGCTTTCTAGAGGATGTGGTGCCTGATGCCACCTCCG
 CGTACCCCTACCTCCTCTGTATGAGAGCCGCCAGAGGCGCTACCTCGGCTTTCGCCGGAGGGCAGTGG
 GTTCTGCAGCAAGGACCGATTGTGGCTTACCCCTGTGCTGTGGCCAGACGGCCTTCTCCTCTGGGAGG
 CACTACTGGGAGTGGGCATGAACATCACCGGGACCGGTTGTGGGCCCTGGGTGTGTGCAGGGACAACG
 TGAGCCGAAAGACAGGGTCCCAAGTGCCTCCGAAAACGGCTTCTGGGTGGTGCAGCTGTCCAAGGGGAC
 CAAGTACTTATCCACCTTCTCTGCCCTAACCCCGGTCATGCTGATGGAGCCTCCAGCCACATGGGCATC
 TTCTGGACTTCGAAGCCGGGAAGTGTCTTCTACAGTGAAGCGATGGTCCACCTGCACACCTACT
 CCCAGGCCACCTCCAGGCCCTGCAGCCTTCTTCTGCTGGGGCTCCGAAGTCTGGTGCAGATGGT
 CATCTCCACAGTGACCATGTGGGTGAAAGGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213994 representing NM_016102
 Red=Cloning site Green=Tags(s)

MEAVELARKLQEEATCSICLDYFTDPVMTTCGHNFCRACIQLSWEKARGKKGRRKRKGSFPCPECREMSP
 QRNLLPNRLLTKVAEMAQQHPGLQKQDLQEHHEPLKLCQKQDQSPICVVCRESREHRLHRVLPAAEAVQ
 GYKLEEDMEYLREQITRTGNLQAREEQSLAEWQGVKERRERIVLEFEKMNLYLVEEQRLQLALETE
 EEETASRLRESVACLDRQGHSLLELLLQLEERSTQGPLQMLQDMKEPLSRKNNVSVQCPEVAPPTRPRTV
 CRVPGQIEVLRGFLEDVVPDATSAYPYLLLYESRQRRYLGSSEPGSFGCSKDRFVAYPCAVGQTAFFSSGR
 HYWEVGMNITGDALWALGVCRDNVSRKDRVPCPENGFVWVQLSKGTKYLSTFSALTPVMLMEPPSHMGI
 FLDFEAGEVSVFYSVSDGSHLHTYSQATFPGLQPFCLGAPKSGQMISTVTMWVKG

SGP**TRRRLEQKLI**SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6619_e06.zip

Restriction Sites:

Sgfl-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.

RefSeq: [NM_016102.4](#)

RefSeq Size: 1851 bp

RefSeq ORF: 1434 bp

Locus ID: 51127

UniProt ID: [Q9Y577](#)

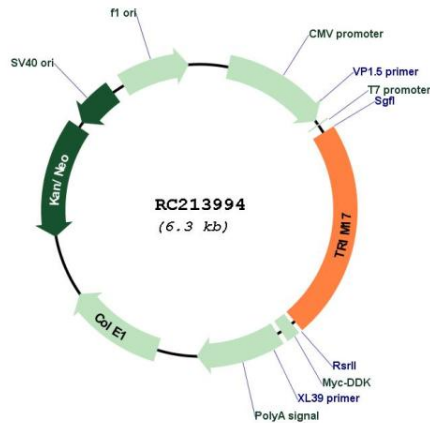
Cytogenetics: 1q42.13

Protein Families: Druggable Genome

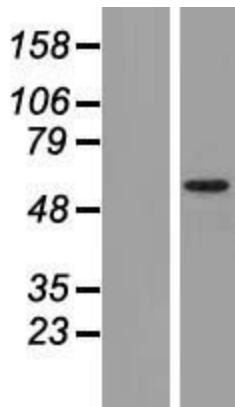
MW: 54.2 kDa

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 RC213994



Western blot validation of overexpression lysate (Cat# [LY422560]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC216352] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).