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Product datasheet for SC302319

TRIM17 (NM_001024940) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM17 (NM_001024940) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM17
Synonyms:	RBCC; RNF16; terf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>SC302319 representing NM_001024940.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGCTGTGGAACTCGCCAGAAAACTGCAGGAGGAAGCTACGTGCTCCATCTGTCTGGATTACTTC
ACAGACCCTGTGATGACCACCTGTGGCCACAACTTCTGCCGAGCCTGCATCCAGCTGAGCTGGGAAAAG
GCGAGGGGCAAGAAGGGGAGGCGGAAGCGGAAGGGCTCCTTCCCCTGCCCCGAGTGCAGAGAGATGTCC
CCGCAGAGGAACCTGCTGCCCAACCGGCTGCTGACCAAGGTGGCCGAGATGGCGCAGCAGCATCCTGGT
CTGCAGAAGCAAGACCTGTGCCAGGAGCACCACGAGCCCCTCAAGCTTTTCTGCCAGAAGGACCAGAGC
CCCATCTGTGTGGTGTGCAGGGAGTCCCGGGAGCACCGGCTGCACAGGGTGCTGCCCGCCGAGGAGGCA
GTGCAGGGGTACAAGTTGAAGCTGGAGGAGGACATGGAGTACCTTCGGGAGCAGATCACCAGGACAGGG
AATCTGCAGGCCAGGGAGGAGCAGAGCTTAGCCGAGTGGCAGGGCAAGGTGAAGGAGCGGAGAGAACGC
ATTGTGCTGGAGTTTGAGAAGATGAACCTCTACCTGGTGGAAGAAGAGCAGAGGCTCCTCCAGGCTCTG
GAGACGGAAGAAGAGGAGACTGCCAGCAGGCTCCGGGAGAGCGTGGCCTGCCTGGACCGGCAGGGTCAC
TCTCTGGAGCTGCTGCTGCTGCAGCTGGAGGAGCGGAGCACACAGGGGCCCCTCCAGATGCTGCAGGAC
ATGAAGGAACCCCTGAGCAGGAAGAACAACGTGAGTGTGCAGTGCCCAGAGGTTGCCCCCCCAACCAGA
CCCAGGACTGTGTGCAGAGTTCCCGGACAGATTGAAGTGCTAAGAGGCTTTCTAGAGGATGTGGTGCCT
GATGCCACCTCCGCGTACCCCTACCTCCTCCTGTATGAGAGCCGCCAGAGGCGCTACCTCGGCTCTTCG
CCGGAGGGCAGTGGGTTCTGCAGCAAGGACCGATTTGTGGCTTACCCCTGTGCTGTGGGCCAGACGGCC
TTCTCCTCTGGGAGGCACTACTGGGAGGTGGGCATGAACATCACCGGGGACGCGTTGTGGGCCCTGGGT
GTGTGCAGGGACAACGTGAGCCGGAAAGACAGGGTCCCCAAGTGCCCCGAAAACGGCTTCTGGGTGGTG
CAGCTGTCCAAGGGGACCAAGTACTTATCCACCTTCTCTGCCCTAACCCCGGTCATGCTGATGGAGCCT
CCCAGCCACATGGGCATCTTCCTGGACTTCGAAGCCGGGGAAGTGTCCTTCTACAGTGTAAGCGATGGG
TCCCACCTGCACACCTACTCCCAGGCCACCTTCCCAGGCCCCCTGCAGCCTTTCTTCTGCCTGGGGGCT
CCGAAGTCTGGTCAGATGGTCATCTCCACAGTGACCATGTGGGTGAAAGGATAG
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001024940

Insert Size: 1434 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001024940.2
RefSeq Size:	2049 bp
RefSeq ORF:	1434 bp
Locus ID:	51127
UniProt ID:	Q9Y577
Cytogenetics:	1q42.13
Protein Families:	Druggable Genome
MW:	54.4 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] Transcript Variant: This variant (2) lacks a segment in the 5' UTR, as compared to variant 1. Variants 1 and 2 encode the same isoform (1).