

## Product datasheet for **SC116143**

### TRIM38 (NM\_006355) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM38 (NM_006355) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM38
Synonyms:	RNF15; RORET
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

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>OriGene sequence for NM_006355 edited
GAATTCGGCACGAGGGCGAATATGTAAGTGTCTGAGCAGTGAAGGTTACGGAAAAGGTCC
AGGCTAAGGTTTTCTCAGTGGATATACTTTACACCAAATCTCAGAAGATTCAGAACTTAG
ATGAGTGGGGCCAGGACAGGAACCTGGAGCCTTGAAGGAGGGGAGCCCCATCTCCCC
AGAAGAGCAGTGACCCAGCAGAGAGGGGCTGGTGTATCACTGGAGGAAATAGCCTGCC
AAGGAATACACGTCTTCAGAAGAAATTTCTGTGTGGCTTCAAGAGACTGATCAAATTTGA
GAGGAAAACAGCCTACCCGGTCTCTTTTCTTCAATACAAAAATGAGATAATAGGGTTGG
AAGGAAAACCTTCAAGACCTATGGAAGTCAAGTTCAGCCAGCTCATCACATAGAGGTGCA
GGTGAGGTGTATTTTCATCACGGTGAAAATTCTGGCTGCTTCATCTCCATCTCTAGAGC
CAATATTGGAGCTTTTCAATAAAAGCTATGGCCTCAACCACCAGCACCAAGAAGATGATG
GAGGAAGCCACCTGCTCCATCTGCCTGAGCCTGATGACGAACCCAGTAAGCATCAACTGT
GGACACAGCTACTGCCACTTGTGTATAACAGACTTCTTTAAAAACCCAAGCCAAAAGCAA
CTGAGGCAGGAGACATTCTGCTGTCCCCAGTGTCCGGCTCCATTTTATATGGATAGCCTC
CGACCCAAACAAGCAGCTGGGAAGCCTCATTGAAGCCCTCAAAGAGACGGATCAAGAAATG
TCATGTGAGGAACACGGAGAGCAGTTCCACCTGTTCTGCGAAGACGAGGGGCAGCTCATC
TGCTGGCCTGTGAGCGGCACCACAGCACAAAGGGCACACCACAGCTCTTGTTGAAGAC
GTATGCCAGGGCTACAAGGAAAAGCTCCAGAAAGCTGTGACAAAACCTGAAGCAACTTGAA
GACAGATGTACGGAGCAGAAGCTGTCCACAGCAATGCGAATAACTAAATGGAAAGAGAAG
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GAGGAAGAGAAGTCTTATCTCTGGAGGCTGGAGAAAGAAGAACAACAGACTCTGAGTAGA
CTGAGGGACTATGAGGCTGGTCTGGGGCTGAAGAGCAATGAACTCAAGAGCCACATCCTG
GAACTGGAGGAAAAATGTCAGGGCTCAGCCAGAAATGCTGCAGAATGTGAATGACACT
TTGAGCAGGAGTTGGGCTGTGAAGCTGGAACATCAGAGGCTGTCTCCTTGGAACTTCAT
ACTATGTGCAATGTTTCCAAGCTTTACTTCGATGTGAAGAAAATGTTAAGGAGTCATCAA
GTTAGTGTGACTCTGGATCCAGATACAGCTCATCACGAACTAATTCTCTGAGGATCGG
AGACAAGTGACTCGTGGATACACCCAGGAGAATCAGGACACATCTCCAGGAGATTTACT
GCCTTCCCCTGTGTCTTGGGTTGTGAAGGCTTACCTCAGGAAGACGTTACTTTGAAGTG
GATGTTGGCGAAGGAACCGGATGGGATTTAGGAGTTTGTATGGAAAATGTGCAGAGGGGC
ACTGGCATGAAGCAAGAGCCTCAGTCTGGATTCTGGACCCTCAGGCTGTGCAAAAAGAAA
GGCTATGTAGCACTTACTTCTCCCCAACTTCCCTTCATCTGCATGAGCAGCCCCGCTT
GTGGGAATTTTTCTGGACTATGAGGCCGAGTTGTATCCTTTTATAACGGGAATACTGGC
TGCCACATCTTTACTTTCCCGAAGGCTTCTTCTCTGATCTCTCGGCCCTATTTCCAG
GTTTATCAATATTCTCCTTTGTTTCTGCCTCCCCAGGTGACTAAGGAAAAGAGCAGAAG
CTCCTTGGTTAAACCAGCACAGAGAAAATAATATAAATCCCATAAGGGCAGACGTTTGGT
CTGTTTTCTTCGCTGTCAATTTCTTAGTAGTTAGACTAGTGTGAGATTTTAGTGGATAT
ATAATTGATTTATGTTGAATATATGGACTTAGCAACTAAAAATACCACAGATGGTTAACC
TGGACTGGGGCAAAGCAAGATAATAGTGATGATCGATGTTGCTGTCTCCATCCGCTTTT
AATGGGTGAGGGCTTTGATTTCCAAGGGTCTTCAGGTGATGAGTAGGGTACCCACAAGT
CAGAAGGTCTGCGTTCTCCTAGTTTGTGTTGCTGCCATTTGAACTCATGTAGGGAATGAAA
GAAAGTGCATTTATCCGCCAAGTGCATTTAAAACAAAAAATAAAAAAATAAAAAAATACTCGAC

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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_006355 unedited  
 ATTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGGCGAATATGTAAGTGT  
 CTGAGCAGTGAAGTTACGGAAAAGTCCAGGCTAAGGTTTTCTCAGTGGATATACTTTAC  
 ACCAAATCTCAGAAGATTCAGAACTTAGATGAGTGGGGCCAGGACAGGAACCTGGAGC  
 CTTGGAAGGAGGGGAGCCCCATCTCCCCAGAAGAGCAGTGACCCAGCAGAGAGGGGCT  
 GGTGTATCACTGGAGGAAATAGCCTGCCAAGGAATACAGTCTTCAGAAGAAATCTGTG  
 TGGCTTCAAGAGACTGATCAAATTTGTGAGAGGAAAACAGCCTACCCGGTCTCTTTTCTT  
 CAATACAAAATGAGATAATAGGGTTGGAAGGAAAACCTTCAAGACCTATGGAAGTCAGT  
 TGCAGCCAGCTCATCACATAGAGGTGCAGGTGAGGTGATTTTTATCACGGTGAAAAATT  
 CTGGCTGCTTCATCTCCATCTCTAGAGCCAATATTGGAGCTTTTCAATAAAAGCTATGGC  
 CTCACCACCAGCACCAAGAAGATGATGGAGGAAGCCACCTGCTCCATCTGCCTGAGCCT  
 GATGACGAACCCAGTAAGCATCAACTGTGGACACAGCTACTGCCACTTGTGTATAACAGA  
 CTTCTTTAAAAACCAAGCCAAAAGCAACTGAGGCAGGAGACATTCTGCTGTCCCAGTG  
 TCGGGCTCCATTTATATGGATAGCCTNCGACCCACAGCAGCTGGGAAGCCTCATTGAA  
 GCCCTCAAGAGACGGATCAAGATATGTCATGTGAGGAACACNGAGAGCAGTTCCACCTGG  
 TCTGCGAAGACGAGGGGAGCTCATCTGCTGGCGCTGTGAGCGGGCACACAGCACAAAGG  
 GCACACACAG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_006355 unedited  
 GACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTAAATGCAGTTG  
 GCGGATAATTGCAGCTTTCTTTTATTCCCTACATGAGTTCAAATGGCAGCAAACAACTA  
 GGAGAACGCAGACCTTCTGACTTGTGGTACCCCTACTCATCACCTGAAGACCCTTGAA  
 ATCAAAGCCCTGACCATTAAAGACGGATGGAGACAGCAACATACGATCATCACTATTAT  
 CTTGCTTTGCCAGTCCAGTTAACCATCTGTGGTATTTTTAGTTGCTAAGTCCATATA  
 TTCAACATAAATCAATTATATCCACTAAAATCTCAGCACTAGTCTAACTACTAAGGAA  
 ATGACAGCGAAGAAAACAGACCAACGCTGCCCCTTATGGGATTTATATTTTTCTCTG  
 TGCTGGTTAAACCAAGGAGCTTCTGCTCTTTTCTTAGTCACCTGGGGGAGGCAGAAACA  
 AAGGAGAATATTGATAAACCTGGAAATAGGGCCGAGAGATATCAGAGAAGGAAGCCTTCG  
 GGAAAGTAAAGATGTGGCAGCCAGTATCCCGTTATAAAAGGATACAACCTCCGCCTCAT  
 AGTCCAGAAAAATCCCACAAGCAGGGGCTGCTCATGCAGATGAAGGGAAGTGGNGGAG  
 AAGTAAGTGCTACATAGCCCTTTCTTTTTTGCACAGCCTGGAGGTCCAGAATCCAGACTG  
 AGGCTCTTGCTTCATGCCAGTGCCCTCTGCACATTTCCATACAACTNCTAAATCCCAT  
 NCGGTTCTTCGCCACATTCACTTCAAAGTACGCTTCTCCTGAGGTGAAGCCTCACCACCC  
 ACGACACAGGGGAGGCAGTAAATCTCTGGAAGAGTGTCTGATCTCCTGGTTGATTCAGAG  
 TCACTGNCTCGATCTANANGAATTATTCGTGAGAGCTGATCTGATCCAGACCCACCTACT  
 GAGACTNCTACATTNTCTCCACTGAGTAG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_006355

**Insert Size:**

2290 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).

**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\\_006355.2](#), [NP\\_006346.1](#)

**RefSeq Size:** 3286 bp

**RefSeq ORF:** 1398 bp

**Locus ID:** 10475

**UniProt ID:** [O00635](#)

**Cytogenetics:** 6p22.2

**Domains:** zf-B\_box, RING, SPRY, PRY

**Protein Families:** Druggable Genome

**Gene Summary:** This gene encodes a member of the tripartite motif (TRIM) family. The encoded protein contains a RING-type zinc finger, B box-type zinc finger and SPRY domain. The function of this protein has not been identified. A pseudogene of this gene is located on the long arm of chromosome 4. [provided by RefSeq, Jul 2012]