

## Product datasheet for **SC313679**

### TRIM58 (NM\_015431) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM58 (NM_015431) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM58
Synonyms:	BIA2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC313679 representing NM\_015431.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCCTGGGCGCCCGCCGGGGAGCGGCTGCGCGAGGATGCGCGGTGCCCGTGTGCCTGGATTTCCTG
CAGGAGCCGGTCAGCGTGGACTGCGGCCACAGCTTCTGCCTCAGGTGCATCTCCGAGTTCTGCGAGAAG
TCGGACGGCGCGCAGGGCGGCTACGCCTGTCCGCAGTGCCGGGGCCCTTCCGGCCCTCGGGCTTT
CGCCCCAACCGCAGCTGGCGGGCTGGTGGAGAGCGTGCAGCGGCTGGGGTTGGCGCGGGGCCCGGG
GCGCGGGATGCGCGCGGCACGGCGAGGACCTGAGCCGCTTCTGCGAGGAGGACGAGGCGGCGCTGTGC
TGGGTGTGCGACCGGCCCGGAGCACAGGACGCACCGCACGGCGCCGCTGCAGGAGGCCCGCGCAGC
TACCAGGTAAGCTCCAGATGGCTCTGGAATTATGAGGAAAGAGTTGGAGGACGCTTGACTCAGGAG
GCCAACGTGGGAAAAAGACTGTCATTTGGAAGGAGAAAGTGAAATGCAGAGGCAGCGCTTCAGATTG
GAGTTTGAGAAGCATCGTGGCTTTCTGGCCAGGAGGAGCAACCGCAGCTGAGGGCGCTGGAGGCGGAG
GAGCGAGCGACGCTGCAGAGACTGCGGGAGAGCAAGAGCCGGCTGGTCCAGCAGAGCAAGGCCCTGAAG
GAGCTGGCGGATGAGCTGCAGGAGAGGTGCCAGCGCCCGCCCTGGGTCTGCTGGAGGGTGTGAGAGGA
GTCCTGAGCAGAAGTAAGGCTGTACAAGGCTGGAAGCAGAGAACATCCCATGGAAGTGAAGACAGCA
TGCTGCATCCCTGGGAGGAGGGAGCTCTTAAGGAAGTTCCAAGTGGATGTAAGCTGGATCCCGCCACG
GCGCACCCGAGTCTGCTCTTGACCGCCGACCTGCGCAGTGTGCAGGATGGAGAACCATGGAGGGATGTC
CCCAACAACCCCTGAGCGATTTGACACATGGCCCTGCATCTGGGTTTGCAGAGCTTCTCATCAGGGAGG
CATTACTGGGAGGTTCTGGTGGGAGAAGGAGCAGAGTGGGTTTAGGGTCTGTCAAGACACACTGCCA
AGAAAGGGGAAACCACGCCATCTCTGAGAATGGGTCTGGCCCTGTGGCTGCTGAAAGGGAATGAG
TACATGGTCTTGCTCCCATCAGTGCCTTTCTCCAAGTGGAAAGTCCCTCGCTGCATTGGGATTTTC
TTGGAATGAAGCCGGTGAATTTTATTCTACAATGTCACAGATGGATCTTATATCTACACATTCAAC
CAACTCTTCTCTGGTCTTCTCGGCCTTACTTTTTTCTGATGCAACTCCTTATCTTGCCACCC
ACAACAATAGCAGGGTCAGGAAATTGGGCATCCAGGGATCATTTAGATCTGCTTCTGATGTAAGAGAT
GATCATCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_015431

**Insert Size:** 1461 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_015431.3</a>
<b>RefSeq Size:</b>	5158 bp
<b>RefSeq ORF:</b>	1461 bp
<b>Locus ID:</b>	25893
<b>UniProt ID:</b>	<a href="#">Q8NG06</a>
<b>Cytogenetics:</b>	1q44
<b>Domains:</b>	zf-B_box, RING, SPRY, PRY
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	54.8 kDa
<b>Gene Summary:</b>	E3 ubiquitin ligase induced during late erythropoiesis. Directly binds and ubiquitinates the intermediate chain of the microtubule motor dynein (DYNC1LI1/DYNC1LI2), stimulating the degradation of the dynein holoprotein complex. May participate in the erythroblast enucleation process through regulation of nuclear polarization.[UniProtKB/Swiss-Prot Function]