

## Product datasheet for **SC308903**

### TIF1 gamma (TRIM33) (NM\_015906) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TIF1 gamma (TRIM33) (NM_015906) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM33
Synonyms:	ECTO; PTC7; RFG7; TF1G; TIF1G; TIF1GAMMA; TIFGAMMA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_015906 edited  
 ATGGCGAAAAACAAAGGCGGCGGAGGCTGAGAGCGGCGGGGGCAGCGGCAGCGCG  
 CCGGTAAC TGCCGGGGCCGCGGCCCGCCGCGCAGGAGCGGAGCCGCTCTCACCGCG  
 GTGCTGGTGGAGGAGGAGGAGGAAGCGCGCAGGGCCGGCGCTGAGGGCGGCGCGGCC  
 GGGCCCGACGACGGGGGGTGGCCGCGGCTCCTCGGGCTCGGCCCAGGCTGCTTCATCT  
 CCTGCGGCCTCAGTGGGCACTGGAGTTGCCGGGGCGCAGTATCGACCGGCTCCAGCT  
 CCAGCCTCGGCTCCCGCTCCGGTCCCTCGGCAGGGCCGCTCCTGGACCGCCAGCCTCG  
 CTCCTGGACACCTGCGCCGTGTGCAGCAGAGCTTGCAGAGCCGGCGTGAGGCGGAGCCC  
 AAGCTGCTGCCCTGTCTTCACTCCTTCTGCCTGCGCTGCCTGCCGAGCCGGAGCGCCAG  
 CTCAGCGTGCCCATCCCGGGGGCAGCAACGGCGACATCCAGCAAGTTGGTGAATACGG  
 TGCCAGTATGCCCAAGAATGCAGACAGATAGACCTTGTGGATAATTATTTTGTGAAA  
 GACACATCTGAAGCTCCTAGCAGTTCTGATGAAAATCAGAACAGGTATGTACTAGTTGT  
 GAAGACAATGCAAGTGCAGTTGGCTTTTGTGTAGAATGTGGAGAGTGGCTATGTAAGACA  
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 GATGTCTCAGAGTCTGTTGGAGCATCTGGTCAACGCCCTGTTTTCTGCCCTGTACACAAA  
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 GAAATTAAGTGCCATTTTACCCTTATCAATGAAATTAATAAGAAAGGAAAATCTCTC  
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 AAACCAGCTCCTGGTTATACTCCTAATGTTGTAGTTGGGCAAGTTCCTCCAGGGACAAC  
 CACATTAGTAAAACCCCTGGACAGATTAACCTTAGCACAGCTTCGACTCCAGCACATGCAA



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CAACAAGTATATGCACAGAAACATCAGCAGTTGCAACAGATGAGGATGCAGCAACCACCA
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ATGTTACAACAACAGCCTCCTCGATTGATCAGTGTGCAAACAATGCAAAGAGGCAACATG
AACTGTGGAGCTTTTCAAGCCCATCAGATGAGACTGGCTCAGAATGCTGCCAGAATACCA
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ATGATGAAAGTTGTTCAAGTTTATGCAGACACACAAGAGATTAATTTGAAGGCTGATTCA
GAAGTAGCTCAGGCAGGAAAGCAGTTGCATTGTACTTTGAAGATAAACTCACAGAGATC
TACTCAGACAGGACCTTCGCACCTTTGCCAGAGTTTGGCAGGAAAGAGGATGATGGTGAG
GTAAGTGAAGACTCTGATGAAGACTTTATACAGCCCCGAGAAAAACGCCTAAAGTCAGAT
GAGAGACCAGTACATATAAAGTAAAATGACATGGATTTAAATCAATTGTTAAAAA
AAAAAAAAAAAAAAAAAAAAA
  
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**Restriction Sites:**

Please inquire

**ACCN:**

NM\_015906

**Insert Size:**

3400 bp

**OTI Disclaimer:**

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_015906.3.
<b>Components:</b>	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_015906.3</a> , <a href="#">NP_056990.3</a>
<b>RefSeq Size:</b>	8339 bp
<b>RefSeq ORF:</b>	3384 bp
<b>Locus ID:</b>	51592
<b>UniProt ID:</b>	<a href="#">Q9UPN9</a>
<b>Cytogenetics:</b>	1p13.2
<b>Domains:</b>	zf-B_box, BROMO, RING, PHD, BBC
<b>Protein Families:</b>	Druggable Genome, ES Cell Differentiation/IPS, Protein Kinase, Transcription Factors
<b>Gene Summary:</b>	<p>The protein encoded by this gene is thought to be a transcriptional corepressor. However, molecules that interact with this protein have not yet been identified. The protein is a member of the tripartite motif family. This motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. Three alternatively spliced transcript variants for this gene have been described, however, the full-length nature of one variant has not been determined. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (a) encodes the longer isoform (alpha).</p>