

## Product datasheet for **SC110097**

### TRIM14 (NM\_033220) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM14 (NM_033220) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM14
Synonyms:	KIAA0129
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033220, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGGCGGGCGACCGGGAGCCGGACCCCTGGGAGGTCGGAGCTTGTGCGAGGGATGCGGCTGGCGCT
GCCCGGAGCATGGCGACCGCGTGGCTGAGCTCTTCTGTCGCCGCTGCCGCCGCTGCGTGTGCGCGCTTTG
CCCGGTGCTGGGCGCGCACCGTGGCCACCCTGTGGCCTGGCGCTGGAGGCAGCGGTGCACGTGCAGAAA
CTCAGCCAAGAATGTTTAAAGCAGCTGGCAATCAAGAAGCAGCAGCACATTGACAACATAACCCAGATAG
AAGATGCCACCGAGAAGCTCAAGGCTAATGCAGAGTCAAGTAAAACCTGGCTGAAGGGGAAATTCAGTGA
ACTCAGATTACTACTTGACGAAGAGGAAGCGCTGGCCAAGAAATTCATTGATAAAAAACGCAGCTTACC
CTCCAGGTGTACAGGGAACAAGCTGACTCTTGACAGAGCAACTTGACATCATGAATGATCTCTCCAACA
GGGTCTGGAGTATCAGCCAGGAGCCGATCCTGTCCAGAGGCTTCAGGCATACACGGCCACCGAGCAGGA
GATGCAGCAGCAGATGAGCCTCGGGGAGCTGTGCCATCCCGTGCCCTCTCCTTTGAGCCCGTCAAGAGC
TTCTTTAAGGGCCTCGTGAAGCCGTGGAGAGTACATTACAGACGCCATTGGACATTGCGCTTAAGGAAA
GCATAAAGTCCAGCTCTCAGACCCTCCAGCACCAAGCCAGGTACCTTGTGAAAACCAGCCCCCACC
AGAGCGATCGCTATTGCTGAAATACGCGCGCACGCCACGCTGGATCCTGACACGATGCACGCGCGCCTG
CGCCTGTCCGCGGATCGCCTGACGGTGCCTGCGGCTGCTGGCAGCCTGGGGCCGTCGCCGCTGCTGC
GGTTCGACGCGCTCTGGCAAGTGTGCTGGCTGCTGACTGCTTCGCCACCGCCGCGCCACTACTGGGAGGTTGA
CGTGCAGGAGGCGGGCGCGGCTGGTGGGTGGGCGCGGCTACGCCTCCCTTCGCGCGCGCGGGGCTCG
GCCCGCGCCGCTGGGCTGCAACCAGCAGTCTGGTGCCTCAAGCGCTACGACCTTGAGTACTGGGCT
TCCACGACGGCCAGCGCAGCCGCTGCGGCCCCGCGACGACCTCGACCGCTCGGCGTCTTCTGGACTA
CGAGGCCGCGCTCTCGCTTCTACGACGTGACGGCGGCATGAGCCACCTGCATACCTCCGCGCCACG
TTCCAGGACCGCTCTACCGGCCCTGCGGCTCTGGGAGGGGGCCATCAGCATCCCCGGCTGCCCTAG
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_033220 unedited CACCAGGTGGAGATGAATGGCGGGCGCGGACCGGGAGCCGGACCCCTGGGAGGTCGGA GCTTGTGCGAGGGATGCGGCTGGCGCTGCCCGGAGCATGGCGACCGCGTGGCTGAGCTCTT CTGTGCGCCGCTGCCCGCCGCTGCGTGTGCGCGCTTTGCCCGGTGCTGGGCGCGCACCGTGG CCACCCGTGGGCTGGCGCTGGAGGCAGCGGTGCACGTGCAGAACTCAGCCAAGAATG TTTAAAGCAGCTGGCAATCAAGAAGCAGCAGCACATTGACAACATAACCCAGATAGAAGA TGCCACCGAGAAGCTCAAGGCTAATGCAGAGTCAAGTAAAACCTGGCTGAAGGGGAAATT CACTGAACTCAGATTACTACTTGACGAAGAGGAAGCGCTGGCCAAGAAATTCATTGATAA AAACACGCAGCTTACCCTCCAGGTGTACAGGGAACAAGCTGACTCTTGCAGAGAGCAACT TGACATCATGAATGATCTCTCCAACAGGGTCTGGAGTATCAGCCAGGAGCCCGATCCTGT CCAGAGGCTTCAGGCATACACGGCCACCGAGCAGGAGATGCAGCAGCAGATGAGCCTCGG GGAGCTGTGCCATCCCGTCCCCCTCCTTTGAGCCCGTCAAGAGCTTCTTTAAGGGCT CGTGGAAGCCGTGGAGAGTACATTACAGACGCCATTGGACATTCGCCTTAAGGAAGCATA ACTGCCAGCTC
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_033220
<b>Insert Size:</b>	1650 bp
<b>OTI Disclaimer:</b>	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).
<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_033220.1</a> , <a href="#">NP_150089.1</a>
<b>RefSeq Size:</b>	1789 bp
<b>RefSeq ORF:</b>	1329 bp
<b>Locus ID:</b>	9830
<b>Cytogenetics:</b>	9q22.33
<b>Domains:</b>	zf-B_box, SPRY, PRY
<b>Protein Families:</b>	Druggable Genome

**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 and its function has not been determined. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]

Transcript Variant: This variant (3) is alternatively spliced in the 3' UTR, compared to variant 1. Transcript variants 1-3 all encode the same protein.