

Product datasheet for **SC105060**

TRIM14 (AK097480) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM14 (AK097480) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM14
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC105060 sequence for AK097480 edited (data generated by NextGen Sequencing)

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ATGAATGATCTCTCCAACAGGGTCTGGAGTATCAGCCAGGAGCCCGATCCTGTCCAGAGG
CTTCAGGCATACACGGCCACCGAGCAGGAGATGCAGCAGCAGATGAGCCTCGGGGAGCTG
TGCCATCCCGTGCCCTCTCCTTTGAGCCCGTCAAGAGCTTCTTTAAGGGCCTCGTGAA
GCCGTGGAGAGTACATTACAGACGCCATTGGACATTTCGCCTTAAGGAAAGCATAAACTGC
CAGCTCTCAGACCCTTCCAGCACCAAGCCAGGTACCTTGTGAAAACCAGCCCCTCACCA
GAGCGATCGCTATTGCTGANNGCCTGCTGGGCAGCCTGGGGCCCGTGCCCGTGCTGCGGT
TCGACGCGCTCTGGCAAGTGCTGGCTCGTACTGCTTCGCCACCGGCCGCACTACTGGG
AGGTTGACGTGCAGGAGGCGGGCGCCGGCTGGTGGTGGGCGCGCCTACGCCTCCCTTC
GGCGCCGCGGGGCTCGGCCGCCCGCCGCTGGGCTGCAACCGCCAGTCTGTTGCTCA
AGCGCTACGACCTTGAGTACTGGCCTTCCACGACGGCCAGCGCAGCCGCTGCGGCCCC
GCGACGACCTCGACCGGCTCGGCGTCTTCTGGACTACGAGGCCGCGTCTCGCCTTCT
ACGACGTGA

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Clone variation with respect to AK097480.1
317 c=>t;320 t=>n;321 c=>n



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AK097480 unedited</p> <pre> CGGATTTTGTAAACACGATTTACTATAGNNGGCGGCACGCGCCACCGNANAAGCTCAAGGC TAATGCAGAGTCAAGTAAAACCTGGCTGAAGGGGAAATTTCACTGAACTCAGATTACTACT TGACGAAGAGGAAGCGCTGGCCAAGAAATTCATTGATAAAAACACGCAGCTTACCCTCCA GGTGTACAGGGAACAAGCTGACTCTTGCAGAGAGCAACTTGACATCATGAATGATCTCTC CAACAGGGTCTGGAGTATCAGCCAGGAGCCGATCCTGTCCAGAGGCTTCAGGCATACAC GGCCACCAGCAGGAGATGCAGCAGCAGATGAGCCTCGGGGAGCTGTGCCATCCCCTGCC CCTCTCCTTTGAGCCCGTCAAGAGCTTCTTTAAGGGCCTCGTGAAGCCGTGGAGAGTAC ATTACAGACGCCATTGGACATTCGCCTTAAGGAAAGCATAAACTGCCAGCTCTCAGACCC TTCCAGCACCAAGCCAGGTACCTTGTTGAAAACCAGCCCCTACCAGAGCGATCGCTATT GCTGAAATACGCGCGCACGCCACGCTGGATCCTGACACGATGCACGCGCGCCTGCGCCT GTCCGCCGATCGCCTGACGGTGCCTGCGGCTGCTGGCAGCCTGGGGCCCGTGCCCGT GCTGCGGTTGACGCGCTCTGGCAAGTGTGGCTCGTACTGCTTCGNCACCGGCCGCCA CTACTGGGAGGTTGACGTGCANGAAGCGGGCGCCNGCTGGNTGGTGGGCGCGGCCTACGC NTCCTTTTCGCGCGCGGGGCCCTCGGCCCGCGCCGCTGGGCTGCACCGCCAGTCTGGTG CCTCAGCGCTACGACCTTGATACTGGGCCTCCAGCAGCGGAGNGCAGCGCTGCGNCCG CGACGACTCGACCGNTGGCGTNTTCTGGATACAGGCCGGTCTGCCTCTAGAGTGAG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AK097480 unedited</p> <pre> CATGGATCCTGACACGAATTCAGGTCTAGTTTTAATTTCTTTTTTTTGTATTTTCATGGG AAACTCCTGGAAGCCTTTTCATAGCTGAGGGGTTAAGTGAAGTTTTAGGAAGTCACTCT AGTTTTAGGGTGAAGATGAGGACTGGGAGAGGGTTCAGACCAGGAACTGCTAAGAAGCT CTTGACAGTCTCTGGAGGGAGCTGTGATGTGGACACGCTGAAATCGGTGGGAGGAAGCGG AAGATTCAGGGACCTCAAGAGACAGAAGAGTCAGGACTGGATGACTCCCATTCATTCAC AAACGTTTTACTGTGTGCCTACTATGTGTCAGGTTCTGTGCTGTACGAGGAGAAGGTTTC CCAGGCTGCGGATGATGTATTCAGGATGCTGAGGGCTTACCTGTGAGGGTATCACTTTGA AGGAACTGGATTAAGTAGTGTAAAGTATGGTGGGGTGGAGGTGCGGAGGTCTGATGAGA GGGCAGCAGCAGACTTGTAGGGCCTGTTTAAACTAGCCTAGGAGAGGAAACCTTCAA AGCACTGTANGCGTGATTGGTCGGGAAAGCTGGGGCAGGGAGAGGGCCCTAAGAAGCAN GCAGTAAGGGGACCAGCCACGCGGATCTAGGTAGATTANGCGAGACTGGGCAGCTGCGGC GTACCTGGAGGCTGTACGCCGGTCCCTGGCCCCCTAGGCAGCCGGGGGATGCTGATGG CCCCCTCCAGAGCCGCGAGGGCCGGGTAGAGCCGCTCCTGGAACGTGGCGCCGGAAGTAT GCCAGTGGCTCATGCCCGCCCGCACGTCGTAAGGGGAGGACGCCCGGCCTTTATTCA GGAAAGACCCGAACCGTTCCAGGTCTTCCGCGGGCCGAGGGCGCTTGGCCTGACCTGTC CTGGAAGGCCAATCTCAAGGTTCTAACGGCTTGAGGGACCAGACCTGGGGGTTGTAGCC CCG </pre>
Restriction Sites:	NotI-NotI
ACCN:	AK097480
Insert Size:	1700 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: [AK097480.1](#), [BAC05071.1](#)

RefSeq Size: 2387 bp

RefSeq ORF: 669 bp

Locus ID: 9830

Cytogenetics: 9q22.33

Protein Families: 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]