

Product datasheet for **SC127941**

TRIM9 (NM_015163) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM9 (NM_015163) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM9
Synonyms:	RNF91; SPRING
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_015163, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGAGATGGAAGAGGAGTTGAAATGCCCCGTGTGCGGCTCCTTCTATCGGGAGCCCATCATCCTGC
CCTGCTCTCACAAATTTGTGTCAGGCGTGCGCCCGCAACATCCTGGTGCAGACCCAGAGTCTGAATCCCC
CCAGAGCCATCGGGCCGCGGGCTCCGGGTCTCCGACTATGACTATCTGGACCTGGACAAGATGAGCCTA
TACAGCGAGGCGGACAGCGGCTATGGCTCTACGGGGGTTTCGCCAGCGCCCCACTACCCCGTGCCAGA
AGTCCCCCAACGCGCTCCGCGTGTTCGCCCGGCTATGCCGCCACCGGCCACCCACTTGTACCCGGCCCT
GGCCCCGTGCCCGCAACTCCTGTATCACCTGCCCCAGTGTACCCGCAGCCTCATCCTGGATGACCGG
GGGCTCCGCGGCTTCCCCAAGAATCGCGTACTGGAAGGGTAATTGACCGCTACCAGCAGAGCAAAGCCG
CGGCCCTCAAGTGCCAGCTCTGCGAGAAGGCGCCCAAGGAAGCCACCGTCATGTGCGAACAGTGCATGT
CTTCTACTGCGATCCGTGCCGCTGCGTGCCACCCGCCCGGGGGCCCCAGCCAAGCACCGCCTGGT
CCCCCGGCCAGGTCGTGTGAGCCGAGGCTGAGCCCACGCAAGTCTCCACCTGCACAGACCACGAGC
TGGAGAACCACAGCATGTACTGCGTGAATGCAAGATGCCCGTGTCTACCAAGTCTGGAGGAGGGCAA
ACACTCCAGCCAGCAAGTCAAGGCTCTGGGGCCATGTGAAACTACATAAGAGCCAGCTCTCCAGGCG
CTGAACGACTGTGAGACAGGGCAAAGAAGCCAAAGGAGTTTCTGGTACAGCTGCCCAACATGGTCCAGC
AGATCCAGGAGAACAGTGTGGAGTTTGAAGCCTGTCTGGTGGCCCAATGTGATGCCCTCATCGATGCCCT
CAACAGAAGAAAAGCCAGCTGTGGCCCGCTCAACAAGGAGCATGAGCACAAGCTGAAGGTGGTTCGA
GATCAGATCTCTCACTGCACAGTGAATTCGCGCCAGACCAGGTCTCATGGAGTACTGCTTGGAGGTGA
TTAAGGAAAATGATCCTAGTGGTTTTTTCAGATTTCTGACGCCCTCATAAGAAGAGTGCACCTGACTGA
GGATCAGTGGGGTAAAGGCACACTCACTCCAAGGATGACCACGGACTTTGACTTGAGTCTGGACAACAGC
CCTCTGCTGCAATCCATCCACCAGCTGGATTTCTGCAAGTGAAGCTTCTCTCCAGTCCCAGCAACCC
CTATCCTACAGCTGGAGGAATGTTGTACCCACAACAACAGCGCTACGTTGTCTTGAAACAGCCACCTCT
GTCCACGGTGCCCGCGATGGATACATTCTGGAGCTGGATGATGGCAACGGTGGTCAATTCGGGAGGTG
TATGTGGGAAGGAGACAATGTGCACTGTGGATGGTCTTCACTTCAACAGCACATAACAACGCTCGGGTCA
AGGCCTTCAACAAAACAGGAGTCAAGCCGTACAGCAAGACCCTGGTCTCCAAACGTCTGAGGTGGCCTG
GTTTGCTTTCGACCCTGGCTCGGCGCACTCGGACATCATCCTCTCCAATGACAACCTGACAGTGACCTGT
AGTAGCTATGATGACCGGTGGTGTAGGGAAGACTGGCTTCTCCAAGGGCATCCACTACTGGGAGCTCA
CGGTAGATCGCTATGACAACCACCCTGATCCTGCCTTTGGTGTGGCTCGCATGGACGTGATGAAGGATGT
GATGTTAGGAAAAGACGACAAAGCTTGGGCAATGTATGTGGACAATAACCGGAGCTGGTTCATGCACAAC
AACTCGCACACCAACAGAAGTCAAGGAGGATCAAAAAGGGGCCACAATTGGGGTCTCCTCGACTTAA
ATAGAAAAAATTGACATTTTTATCAACGATGAACAACAAGGTCCCATAGCATTGATAACGTGGAGGG
CCTCTTCTCCCTGCGGTGAGCCTGAACAGGAACGTGCAGGTACGCTGCACACCGGGCTCCAGTCCCC
GACTTCTACTCCAGCAGAGCATCAATAGCCTAA
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5' Read Nucleotide Sequence: >OriGene 5' read for NM_015163 unedited
 AACAACTTCTATAGGGCGGCCGGAATTCGGCACGAGGCACCACAGCCTTTGCCGCTGGC
 CAGGGTGTGGACAAGACGGGCCGTCGGCCACCTCGCCAGCTCAGGCACCCGCTGCAGC
 CGTCGCTGTCTCCTCCCAGACCGGTCCCATGGAGGAGATGGAAGAGGAGTTGAAATGCC
 CCGTGTGCGGCTCCTTCTATCGGGAGCCCATCATCCTGCCCTGCTCTACAATTTGTGTC
 AGGCGTGCGCCCGCAACATCCTGGTGCAGACCCAGAGTCTGAATCCCCCAGAGCCATC
 GGGCCGCGGGCTCCGGGTCTCCGACTATGACTATCTGGACCTGGACAAGATGAGCCTAT
 ACAGCGAGGCGGACAGCGGCTATGGCTCCTACGGGGGTTTCGCCAGCGCCCCACTACCC
 CGTGCCAGAAGTCCCCAACGGCGTCCGCGTGTTCGCCCGGCTATGCCGCCACCGGCCA
 CCCACTTGTACCGGCCCTGGCCCCGGTCCCCGCAACTCCTGTATCACCTGCCCCAGT
 GTCACCGCAGCCTCATCCTGGATGACCCGGGGCTCCGCGGCTTCCCCAAGAATCGCGTAC
 TGGAAAGGGTAATTGACCGCTACCAGCAGAGCANAGCCGCGGCCCTCAAGTGCCAGCTCT
 GCGAGAAGGCGCCCAAGGAGCCACCGTCATGTGCGAACAGTGCATGTCTTCTACTGCGA
 TCCGTGCCNCTGCGCTGTACCCCCCGNGGCCCTAGCCAGCACCGCTGGTGCC
 CCGCCCCAGGTTGTGTGAAGCCGAGGCTGACCCACGCAGGTCTCCCTGCCAGACACGAG
 CTGGAGAACCANATGTCTGCGTGCATGAGAAGCCCTGTGCTCCATGCTTGAGGAGGCA
 AACTCCCCCNATAAGCTTCTGGGCCTGGGAAACTCATAAACCACTCTCCAGCCCCN

3' Read Nucleotide Sequence: >OriGene 3' genomic read for NM_015163 unedited
 CAGTTATGAACCGCGGCCCAATCTAGGATCGAGACTTTTTTTTTTTTTTTTTTTCACT
 GATGTATCCAGAACTTTAACTGTGCCTGGCACATTAAGGCATTCTATAGATATTTG
 CCAATGAATAAATGAAAAGCTGTGTTTTATTCTATAATAAATAATAATTAATAATTT
 GTAGGTAGGACTATGTTTTCTACCCCTTAGGACCTAACAGAGCCAAACAAGAGTGCAGA
 GAAAATGCTCAGATTTTCTGATAATGATACTAATGCTTCAGTCTTACACCCTCACCTCT
 CTCAGGCACTCCTGAGCTTTGTTAAGTCATTCTATTTGTTTTTCATGCCAGTTGGTTAAAG
 GCTTTCGTTTTCTATTTAGAGGTGAAACTAGAGCTACAGAGATGATCATTACCCAACCATG
 AAGAGAATTCTAGTTTCTATGTCTATTAAGTGTCCAGTGTGATCCCTTTCTCCTCCTCTC
 CTTATGCTTGGCGTGAATAAAAAGTTGCCAGTGTGATCCCTTTCTCCTCCTCTC
 GCCCTGGGCAGCCTTTGAACCGGTAGCCAGCAACAGCTGTTAACCTCAGGGGCAGGGTG
 CTTACCTGCACGTTCTGTTCAGGCTGACCGCAGGGAAGAAGAGGCCCTCCACGTTATCA
 AATGCTATGGACCTTGTGTTTCATCGTTGATAAAAAATGTCAAGTTTTTTCTATA

Restriction Sites: ECoRI-NOT

ACCN: NM_015163

Insert Size: 3000 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_015163.4](#), [NP_055978.3](#)

RefSeq Size: 4571 bp

RefSeq ORF: 2133 bp

Locus ID: 114088

UniProt ID: [Q9C026](#)

Cytogenetics: 14q22.1

Domains: zf-B_box, BBC, SPRY, FN3

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. Its function has not been identified. Alternate splicing of this gene generates two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).