

Product datasheet for **SC324436**

TRIM9 (NM_052978) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM9 (NM_052978) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM9
Synonyms:	RNF91; SPRING
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_052978.3
 GCCAGTGCTGCGGGGAAGGCACCACCACAGCCGCCCGCTGGCCAGGGTGTGGA
 CAAGACGGGCCCGTCGGCCACCTCGCCAGCTCAGGCACCCGCTGCAGCCGTCGCTGTCTC
 CTCCCAGACCCGGTCCCATGGAGGAGATGGAAGAGGAGTTGAAATGCCCGTGTGCGGCT
 CCTTCTATCGGGAGCCATCATCTGCCCTGCTCTCACAATTTGTGTCAGGCGTGCGCC
 GCAACATCCTGGTGCAGACCCAGAGTCTGAATCCCCCAGAGCCATCGGGCCGCGGGCT
 CCGGGGTCTCCGACTATGACTATCTGGACCTGGACAAGATGAGCCTATACAGCGAGGCGG
 ACAGCGGCTATGGCTCTACGGGGGTTCCGCCAGCGCCCCACTACCCCGTGCCAGAAGT
 CCCCCAACGGCGTCCGCGTGTTCGCCCGGCTATGCCGCCACCGCCACCCACTTGTAC
 CGGCCCTGGCCCCGTGCCCGCAACTCCTGTATCACCTGCCCCAGTGTACCCGACGCC
 TCATCCTGGATGACCGGGGGCTCCGCGGCTTCCCAAGAATCGCGTACTGGAAGGGTAA
 TTGACCGTACCAGCAGAGCAAAGCCGCGGCCCTCAAGTCCAGCTCTGCGAGAAGGCGC
 CCAAGGAAGCCACCGTCAATGTGCGAACAGTGCGATGTCTTCTACTGCGATCCGTGCCGCC
 TGCGCTGCCACCCGCCCGGGGGCCCTAGCCAAGCACCAGCTGGTGCCCCGGCCAGG
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 TGCCCCGCTCAACAAGGAGCATGAGCACAAGCTGAAGGTGGTTGAGATCAGATCTCTC
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 AGGAAAATGATCCTAGTGGTTTTTGCAGATTTCTGACGCCCTATAAGAAGAGTGCACC
 TGACTGAGGATCAGTGGGTAAGGCACACTCACTCCAAGGATGACCACGGACTTTGACT
 TGAGTCTGGACAACAGCCCTCTGCTGCAATCCATCCACCAGCTGGATTTCTGCAAGTGA
 AAGCTTCTCTCCAGTCCAGCAACCCCTATCCTACAGCTGGAGGAATGTTGTACCCACA
 ACAACAGCGCTACGTTGCTGAAACAGCCACCTCTGTCCACGGTGCCCGCGATGGAT



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ACATTCTGGAGCTGGATGATGGCAACGGTGGTCAATTCGGGAGGTGTATGTGGGAAGG
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CCACAGTCACAGAACTGGGGTCAATTTCTAGATGAAACAACCGAACAAGTTCTCTTCC
AACAAAGAAACTGTAAGTGTAGAAATTAATTTCCCTCATGAATTTTATATTTGTGTACAA
ATATAAGGTATGTATCTGAATACAAAGAAAAGCCTATCATCATATAGATATCAGTATTCT
CTGTTACTGCACAGAAGTAAATTTCTCATGATGAAATAAAGTTTCACACACATACTTTCTC
CAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Please inquire
- ACCN:** NM_052978
- 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).

Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_052978.3, NP_443210.1</u>
RefSeq Size:	4017 bp
RefSeq ORF:	1653 bp
Locus ID:	114088
UniProt ID:	<u>Q9C026</u>
Cytogenetics:	14q22.1
Domains:	zf-B_box, BBC, FN3
Protein Families:	Druggable Genome
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site, resulting in a frameshift and an earlier stop codon as compared to variant 1. Isoform 2 is shorter than isoform 1 and has a distinct C-terminus.</p>