

## Product datasheet for **RG201423**

### **TRIM9 (NM\_052978) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TRIM9 (NM_052978) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIM9
Synonyms:	RNF91; SPRING
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RG201423 representing NM\_052978  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGAGATGGAAGAGGAGTTGAAATGCCCCGTGTGCGGCTCCTTCTATCGGGAGCCCATCATCCTGC  
 CCTGCTCTCACAATTTGTGTAGGCGTGCGCCCGCAACATCCTGGTGCAGACCCAGAGTCTGAATCCCC  
 CCAGAGCCATCGGGCCGCGGGCTCCGGGTCTCCGACTATGACTATCTGGACCTGGACAAGATGAGCCTA  
 TACAGCGAGGCGGACAGCGGCTATGGCTCTACGGGGGTTTCGCCAGCGCCCCACTACCCCGTCCAGA  
 AGTCCCCAACGGCGTCCGCGTGTTCGCCCGGCTATGCCGCCACCGGCCACCCACTTGTACCGGCCCT  
 GGCCCCGTGCCCGCAACTCCTGTATCACCTGCCCCAGTGTACCCGACGCTCATCCTGGATGACCGG  
 GGGCTCCGCGGCTCCCCAAGAATCGCGTACTGGAAGGGTAATTGACCGCTACCAGCAGAGCAAAGCCG  
 CGGCCCTCAAGTCCAGCTCTGCGAGAAGGCGCCAAGGAAGCCACCGTCATGTGCGAACAGTGCATGT  
 CTTCTACTGCGATCCGTGCCGCTGCGTGCACCCGCCCCGGGGCCCCTAGCCAAGCACCGCCTGGTG  
 CCCCCGGCCAGGTCGTGTGAGCCGGAGGCTGAGCCACGCAAGGTCTCCACCTGCACAGACCAGGAGC  
 TGGAGAACCACAGCATGTACTGCGTGCAATGCAAGATGCCCGTGTGTACCAGTGCTGGAGGAGGGCAA  
 ACACTCCAGCCACGAAGTCAAGGCTCTGGGGGCCATGTGGAACTACATAAGAGCCAGCTCTCCAGGCG  
 CTGAACGGACTGTGAGACAGGGCCAAAGAAGCCAAGGAGTTTCTGGTACAGCTGCACAACATGGTCCAGC  
 AGATCCAGGAGAACAGTGTGGAGTTTGAAGCCTGTCTGGTGGCCCAATGTGATGCCCTCATCGATGCCCT  
 CAACAGAAGAAAAGCCAGCTGCTGGCCCGCTCAACAAGGAGCATGAGCACAAGCTGAAGTGGTTGGA  
 GATCAGATCTCTACTGCACAGTAAATTCGCCAGACCACAGGTCTCATGGAGTACTGCTTGGAGGTGA  
 TTAAGGAAAATGATCCTAGTGGTTTTTTGCGAGTTTCTGACGCCCTCATAGAAGAGTGCACCTGACTGA  
 GGATCAGTGGGGTAAAGGCACACTCACTCAAGGATGACCACGGACTTTGACTTGAGTCTGGACAACAGC  
 CCTCTGCTGCAATCCATCCACCAGCTGGATTCGTGCAAGTAAAAGCTTCTCTCCAGTCCAGCAACCC  
 CTATCCTACAGCTGGAGGAATGTTGTACCCACAACAACAGCGCTACGTTGTCTGGAAACAGCCACCTCT  
 GTCCACGGTGCCCGCGATGGATACATTCTGGAGCTGGATGATGGCAACGGTGGTCAATTCGGGAGGTG  
 TATGTGGGGAAGGAGACAATGTGCACTGTGGATGGTCTTCACTTCAACAGCACATAACAACGCTCGGGTCA  
 AGGCCTTCAACAAAACAGGAGTCAAGCCGTACAGCAAGACCCTGGTCTCCAAACGCTGAGGGTAAGGC  
 CCTTCAGCAGTATCCCTCAGAGCGAGAAGTGGTGGCATC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>RG201423 representing NM\_052978  
 Red=Cloning site Green=Tags(s)

MEEMEEELKCPVCGSFYREPIIILPCSHNLQACARNILVQTPESQSHRAAGSGVSDYDYLDDKMSL  
 YSEADSGYGSYGGFASAPTPCQKSPNGVRVFPAMPATHLSPALAPVPRNSCITCPQCHRSLILDDR  
 GLRGFPKNRVLEGVDRYQQSKAAALKQQLCEKAPKEATVMCEQCDVFYCDPCRLRCHPPRGLAKHRLV  
 PPAQGRVSRRLSPRKVSTCTDHELENHSMYCVQCKMPVCYQCLEEGKHSSEVKALGAMWKLHKSLSQA  
 LNGLSDRAKEAKEFLVQLRNMVQIQENSVEFEACLVAQCDALIDALNRRKAQLLARVNKEHEHLKVVVR  
 DQISHCTVKLRQTTGLMEYCLEVIKENDPSGFLQISDALIRRVLHTEQWKGTLTPRMTTDFDLSDNS  
 PLLQSIHQDFVQVKASSPVPATPILQLEECCTHNSATLSWKQPLSTVPADGYILELDDGNGGQFREV  
 YVGKETMCTVDGLHFNSTYNARVKAFNKTVSPYSKTLVLQTSSEKALQQYPSERELRGI

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_052978

**ORF Size:** 1650 bp

**OTI Disclaimer:** 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](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_052978.4](#)

**RefSeq Size:** 4017 bp

**RefSeq ORF:** 1653 bp

**Locus ID:** 114088

**UniProt ID:** [Q9C026](#)

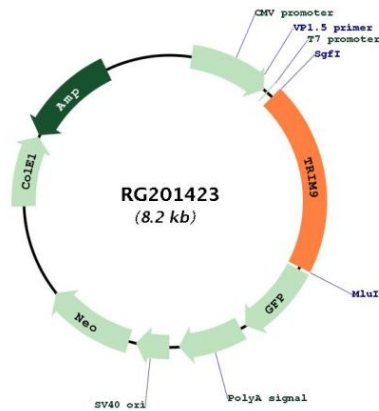
**Cytogenetics:** 14q22.1

**Domains:** zf-B\_box, BBC, 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]

**Product images:**



Circular map for RG201423