

Product datasheet for **RG213915**

TRIM14 (NM_033220) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TRIM14 (NM_033220) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TRIM14
Synonyms: KIAA0129
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG213915 representing NM_033220
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGGCGCGCCC

ATGGCGGGCGGGCGACCGGGAGCCGGACCCCTGGGAGGTCGGAGCTTGTTCGAGGGATGCGGCTGGCGCT
 GCCCGGAGCATGGCGACCGCGTGGCTGAGCTCTTCTGTCGCCGCTGCCGCCGCTGCGTGTGCGCGCTTTG
 CCCGGTGTGGGCGCGCACCGTGGCCACCCTGTGGGCTGGCGCTGGAGGCAGCGGTGCACGTGCAGAAA
 CTCAGCCAAGAATGTTTAAAGCAGCTGGCAATCAAGAAGCAGCAGCACATTGACAACATAACCCAGATAG
 AAGATGCCACCGAGAAGCTCAAGGCTAATGCAGAGTCAAGTAAAACCTGGCTGAAGGGGAAATTCACTGA
 ACTCAGATTACTACTTGACGAAGAGGAAGCGCTGGCCAAGAAATTCATTGATAAAAAACAGCAGCTTACC
 CTCAGGTTGTACAGGGAACAAGCTGACTCTTGCAGAGAGCAACTTGACATCATGAATGATCTCTCCAACA
 GGGTCTGGAGTATCAGCCAGGAGCCGATCCTGTCCAGAGGCTTCAGGCATACACGGCCACCGAGCAGGA
 GATGCAGCAGCAGATGAGCCTCGGGGAGCTGTGCCATCCCGTGCCCTCTCCTTTGAGCCCGTCAAGAGC
 TTCTTTAAGGGCCTCGTGAAGCCGTGGAGAGTACATTACAGACGCCATTGGACATTGCGCTTAAGGAAA
 GCATAAAGTCCAGCTCTCAGACCCTCCAGCACCAAGCCAGGTACCTTGTGAAAACCAGCCCCCACC
 AGAGCGATCGCTATTGCTGAAATACGCGCGCACGCCACGCTGGATCCTGACACGATGCACGCGCGCCTG
 CGCCTGTCCGCGATCGCCTGACGGTGCCTGCGGCTGCTGGCAGCCTGGGGCCCGTGCCTGCTGCTG
 GGTTTCGACGCGCTCTGGCAAGTGTGGCTCGTACTGCTTCGCCACCGGCCCACTACTGGGAGGTTGA
 CGTGCAGGAGGCGGGCGCCGCTGGTGGGTGGGCGCGCCTACGCCTCCCTTCGCGCGCGGGGCTCG
 GCCCGCGCCGCTGGGCTGCAACCAGCAGTCTGGTGCCTCAAGCGCTACGACCTTGAGTACTGGGCT
 TCCACGACGGCCAGCGCAGCCGCTGCGGCCCCGCGACGACCTCGACCGCTCGGCGTCTTCTGGACTA
 CGAGGCCGGGCTCTCGCTTCTACGACGTGACGGGCGCATGAGCCACCTGCATACCTCCGCGCCACG
 TTCAGGAGCCGCTTACCGGCCCTGCGGCTCTGGGAGGGGCCATCAGCATCCCCGGCTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG213915 representing NM_033220
 Red=Cloning site Green=Tags(s)

MAGAATGSRTPGRSELVEGCGWRCPEHGDRVAELFCRRCRRCVCALCPVLGAHRGHPVGLALEAAVHVQK
 LSQECLKQLAIKKQQHIDNITQIEDATEKLNANAESSKTWLKGFTELRLLLDEEEALAKKFIDKNTQLT
 LQVYREQADSCREQLDIMNDLSNRVWSISQEPDPVQRLQAYTATEQEMQQQMSLGECHPVPLSFEPVKS
 FFKGLVEAVESTLQTPDIRLKEINCLSDPSSTKPGTLLKTSPPERSLLLLKYARTPTLDPDTMHARL
 RLSADRLTVRCGLLGS LGPVPVLRFDALWQVLRDRCFATGRHYWEVDVQEAAGAWWVGAAYASLRRRGAS
 AAARLGCNRQSWCLKRYDLEYWAFHDGQSRRLRPDDLDRLGVFLDYEAGVLAFLYDVTGGMSHLHTFRAT
 FQEPLYPALRLWEGAISIPRLP

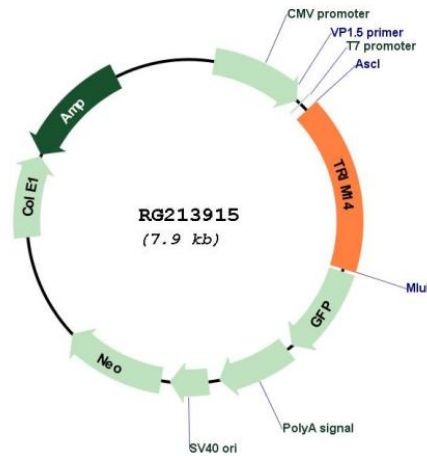
TRTRPLE - GFP Tag - V

Restriction Sites: AscI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_033220

ORF Size:	1326 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:	<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:	NM_033220.1 , NP_150089.1
RefSeq Size:	1789 bp
RefSeq ORF:	1328 bp
Locus ID:	9830
Cytogenetics:	9q22.33
Domains:	zf-B_box, SPRY, PRY
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]