

Product datasheet for **RG210557**

TRIM41 (NM_033549) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM41 (NM_033549) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIM41
Synonyms:	RINCK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG210557 representing NM_033549
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGCCGTTGCCATGACACCAACCTGTGCAGACCTTCAGGAGGAGCGGTGTGCGCCATCTGCC
 TCGATTACTTCACGGACCCCGTGTCCATCGGCTCGGGCACAACCTCTGCCGAGTTTGTGTAACCCAGTT
 GTGGGGTGGGAGGATGAGGAGGACAGAGATGAGTTAGATCGGGAGGAGGAGGAGGAGGACGGAGAGGAG
 GAGGAAGTGGAGGCTGTGGGGGTGGCGCGGGTGGGACACCCCATGCGGGATGAAGACTACGAGGGTG
 ACATGGAGGAGGAGTTCAGGAGGAAGAAGAGGGTGTGTTCTGGACCACTGGCATGAGCAGGTCCAGCTG
 GGACAACATGGACTATGTGTGGGAGGAGGAGGACGAGGAGGAAGACCTGGACTACTACTTGGGGACATG
 GAGGAGGAGGACCTGAGGGGGAGGATGAGGAGGACGAGGAGGAAGTGTGGAGGAGGTTAGGAAGAGG
 ATCTAGACCCCGTCACCCCACTGCCCGCCTCCAGCCCTCGGAGGTGCTTACATGCCCTCAGTGCCG
 AAAGAGCTTTCCTCGGCGGAGCTTCCGCCCAACCTGCAGCTGGCCAATATGGTCCAGGTGATTCGCGAG
 ATGCACCAACCCCTGGTCGAGGAGCCGCGTGACCGATCAGGGCATCTGTCCCAACACCAAGAAGCCC
 TGAAGCTCTTCTGCGAGGTAGACGAAGAGGCCATCTGTGTGGTGTGCCGAGAATCCAGGAGCCACAAACA
 GCACAGCGTGGTGCCATTGGAGGAGGTGGTGCAGGAGTACAAGGCCAACTGCAGGGGACGTGGAACCA
 CTGAGGAAGCACCTGGAGGCAGTGCAGAAGATGAAAGCCAAGGAGGAGAGCGAGTGACAGAAGTGAAGA
 GCCAGATGAAGTCAGAGCTGGCAGCGGTGGCTCGGAGTTTGGGCGACTGACACGGTTTCTGGCTGAAGA
 GCAGGCAGGGCTGGAACGGCGTCTCAGAGAGATGCATGAAGCCAGCTGGGGCGTGGGGAGCCGACAGT
 AGTCGCTTGCAGAACAGGCCCGCCAGCTCAGCCGCTGCTGGCAGAGGCCAGGAGCGGAGCCAGCAGG
 GGGGTCTCCGGCTGCTCCAGGACATCAAGGAGACTTTCAATAGGTGTGAAGAGGTACAGCTGCAGCCCC
 AGAGGTCTGGTCCCTGACCCGTGCCAACCCCATAGCCATGACTTCTGACAGATGCCATCGTGAGGAAA
 ATGAGCCGGATGTTCTGTGAGGTGCGAGAGTGGACCTGACGCTGGACCTGACACGGCTCACCCGGCCC
 TGATGCTGTCCCCTGACCGCCGGGGGTCCGCTGGCAGAGCGGCGGAGGAGTTGCTGACCATCCCAA
 GCGCTTCTCGGCCGACTGCTGCTACTGGGGGCCAGGGCTTCCGCTCCGGCCGGCACTACTGGGAGGTA
 GAGGTGGGCGGGCGGGGGTGGGCGGTGGTGTGCCCGTGAATCAACCCATCATAAGGAAAAGGTGG
 GCCCTGGGGTTCTCCGTGGGAGCGGGATGCCAGTCTCGCGCCATCACCATCGCCGCCGCCGGCT
 CCACCTGCCCCAGCAGCCCTGCTCCAGCGGAAGTGTGGTGGTGGGACCAACGGCAAACGCTATCAG
 GCCCAGAGCTCCACAGACAGACGCTGCTGAGCCCCAGTGAGAAACCAAGGCGCTTGGTGTGTACCTGG
 ACTATGAAGCTGGGCGCTGGGCTTCTACAACGCAGAGACTCTAGCCACGTGCACACCTTCTCGGCTGC
 TTCTCTGGGCGAGCGTGTCTTCTTCTTCCGGTGCTCTCAAGGGCACCCGCATCAAGCTCTGCCCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG210557 representing NM_033549
 Red=Cloning site Green=Tags(s)

MAAVAMTPNPVQTLQEEAVCAICLDYFTDPVSI GCGHNF CRVCVTQLWGGEDEEDRDEL DREEEEDGEE
 EEVEAVGAGAGWDTPMRDEDYEGDMEEEVEEEEGVFWTSGMSRSSWDNMDYVWEEDEEEDLDYYLGDM
 EEEDLRGEDEDEEEVLEEEVEEDLDPVTPLPPPPAPRRCTCPQCRKSFRRSFRPNLQLANMVQVIRQ
 MHPTPGRSRVTDQGICPKHQEALKLFCEVDEEAI CVVCRESRSHKQHSVVPLEEVVQEYKAKLQGHVEP
 LRKHLEAVQMKMAKEERRVTELKSQMKSELA AVASEFGRLTRFLAEEQAGLERRLREMHEAQLGRAGAAA
 SRLAEQAAQLSRLLA EAQERSQQGGLRLLQDIKETFNRC EEVQLQPPEVWSPDPCQPHSHDFL TDAIVRK
 MSRMFCQAARVDLTLD PDTAHPALMLSPDRRGVRLAERRQEVADHPKRF SADCCVLGAQGFERSGRHYWEV
 EVGRRGWAVGAARESTHHKEKVPGGSSVSGDASSRHHHRRRLHLPQQLLQREVWCVGTNGKRYQ
 AQSSTEQTLLSPSEKPRRFVYLDYEAGRLGFYNAETLAHVHTFSAAFLGERVFPFVRVLSKGTRIKLCP

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_033549

ORF Size: 1890 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_033549.3](#), [NP_291027.3](#)

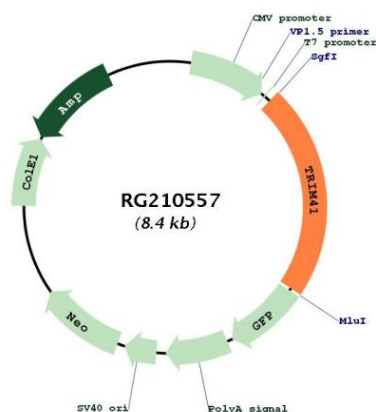
RefSeq Size: 3641 bp

RefSeq ORF: 1893 bp

Locus ID: 90933

UniProt ID:	Q8WV44
Cytogenetics:	5q35.3
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of the tripartite motif (TRIM) family. The TRIM family is characterized by a signature motif composed of a RING finger, one or more B-box domains, and a coiled-coil region. This encoded protein may play a role in protein kinase C signaling. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Product images:



Circular map for RG210557