

Product datasheet for **RG223051**

TRIM41 (NM_201627) Human Tagged ORF Clone

Product data:

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



ORF Nucleotide Sequence: >RG223051 representing NM_201627
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTGCCGTTGCCATGACACCAACCCTGTGCAGACCCTTCAGGAGGAGGCGGTGTGCGCCATCTGCC
 TCGATTACTTCACGACCCCGTGTCCATCGGCTGCGGGCACAACCTCTGCCGAGTTTGTGTAAACCAAGTT
 GTGGGTGGGAGGATGAGGAGGACAGAGATGAGTTAGATCGGGAGGAGGAGGAGGAGGACGAGAGGAG
 GAGGAAGTGGAGGCTGTGGGGCTGGCGCGGGTGGGACACCCCATGCGGGATGAAGACTACGAGGGTG
 ACATGGAGGAGGAGTGCAGGAGGAAGAAGAGGGTGTGTTCTGGACCAAGTGGCATGAGCAGGTCCAGCTG
 GGACAACATGGACTATGTGTGGGAGGAGGAGGACGAGGAGGAAGACCTGGACTACTACTTGGGGGACATG
 GAGGAGGAGGACCTGAGGGGGGAGGATGAGGAGGACGAGGAGGAAGTGTGAGGAGGTTGAGGAAGAGG
 ATCTAGACCCCGTACCCCACTGCCCCGCTCCAGCCCTCGGAGGTGCTTCACATGCCCTCAGTGCCG
 AAAGAGCTTTCCTCGCGGAGCTTCGCCCAACCTGCAGCTGGCCAATATGGTCCAGGTGATTGCGCAG
 ATGCACCAACCCCTGGTGCAGGGAGCCGCGTGACCGATCAGGGCATCTGTCCAAACACCAAGAAGCCC
 TGAAGCTCTTCTGCGAGGTAGACGAAGAGGCCATCTGTGTGGTGTGCCGAGAATCCAGGAGCCACAAACA
 GCACAGCGTGGTGCCATTGGAGGAGGTGGTGCAGGAGTACAAGGCCAACTGCAGGGGCACGTGGAACCA
 CTGAGGAAGCACCTGGAGGCACTGCAGAAGTAAAGCCAAGGAGGAGAGGCGAGTGACAGAAGTGAAGA
 GCCAGATGAAGTCAGAGCTGGCAGCGGTGGCCTCGGAGTTTGGGCGACTGACACGTTTCTGGCTGAAGA
 GCAGGAGGCTGGAACGCGCTCTCAGAGAGTGCATGAAGCCAGCTGGGGCGTGGGGAGCCGCGGCT
 AGTCGCTTGCAGAACAGGCCCGCCAGCTCAGCCGCTGCTGGCAGAGGCCAGGAGCGGAGCCAGCAGG
 GGGGTCTCCGGTCTCCAGGACATCAAGGAGACTTTCATAGGTGTGAAGAGGTACAGTGCAGCCCCC
 AGAGGTCTGGTCCCTGACCCGTGCCAACCCATAGCCATGACTTCTGACAGATGCCATCGTGAGGAAA
 ATGAGCCGGATGTTCTGTGAGGCTGCGAGAGTGGACCTGACGCTGGACCCTGACACGGCTCACCCGGCCC
 TGATGCTGTCCCTGACCGCGGGGGTCCGCTGGCAGAGCGCGGCAGGAGGTGCTGACCATCCCAA
 GCGCTTCTCGGCCGACTGCTGCGTACTGGGGGCCAGGGCTTCCGCTCCGGCCGGCACTACTGGGAGGAG
 CCTAAAGAACCTCTGCGCTCCAGCTCAGCCTTCTCTACCTACTATGTCTGTCCAACAGACCGGCCAG
 AATTTAGCTTCACT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG223051 representing NM_201627
 Red=Cloning site Green=Tags(s)

MAAVAMTPNPVQTLQEEAVCAICLDYFTDPVSI GCGHNF CRVCVTQLWGGEDEEDRDEL DREEEEDGEE
 EEEVAVGAGAGWDTPMRDEDYEGDMEEVEEEEGVFWTSGMSRSSWDNMDYVWEEEDDEEDLDYYLGDM
 EEDL RGEDEDEEEVLEEVEEEDLDPVTPLPPPPAPRRCTCPQCRKSFRRSFRPNLQLANMVQVIRQ
 MHPTPGRGSRVTDQIGCPKHQEA LKLFCEVDEEAICVVCRESRSHKQHSVVPLEE VVQEYKAKLQGHVEP
 LRKHLEAVQKMKAKEERRVTELKSQMKSELA AVASEFGRLTRFLAEEQAGLERRLREMHEAQLGRAGAAA
 SRLAEQAAQLSRLLA EAQERSQQGGLRLLQDIKETFNRC EEVQLQPPEVWSPDPCQPHSHDFLTD AIVRK
 MSRMFCQAARVDLTLD PDTAHPALMLSPDRRGVRLAERRQE VADHPKRF SADCCVLGAQGFRSGRHYWEE
 PKEPSWPPAQPSLTY YVCPTDRPEFSFT

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_201627

ORF Size: 1554 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.

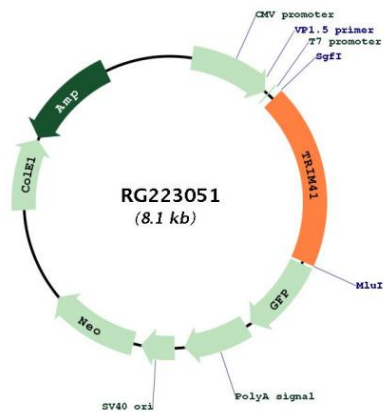
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_201627.3](#)

RefSeq Size: 2697 bp

RefSeq ORF:	1557 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 RG223051