

## Product datasheet for **RC210557**

### TRIM41 (NM\_033549) Human Tagged ORF Clone

#### Product data:

|                           |                                           |
|---------------------------|-------------------------------------------|
| Product Type:             | Expression Plasmids                       |
| Product Name:             | TRIM41 (NM_033549) Human Tagged ORF Clone |
| Tag:                      | Myc-DDK                                   |
| Symbol:                   | TRIM41                                    |
| Synonyms:                 | RINCK                                     |
| Mammalian Cell Selection: | Neomycin                                  |
| Vector:                   | pCMV6-Entry (PS100001)                    |
| E. coli Selection:        | Kanamycin (25 ug/mL)                      |



[View online »](#)

**ORF Nucleotide  
Sequence:**

>RC210557 representing NM\_033549  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCTGCCGTTGCCATGACACCAACCTGTGCAGACCTTCAGGAGGAGCGGTGTGCGCCATCTGCC  
 TCGATTACTTCACGGACCCCGTGTCCATCGGCTCGGGGACAACCTCTGCCGAGTTTGTGTAACCCAGTT  
 GTGGGGTGGGAGGATGAGGAGGACAGAGATGAGTTAGATCGGGAGGAGGAGGAGGAGGACGGAGAGGAG  
 GAGGAAGTGGAGGCTGTGGGGGTGGCGCGGGTGGGACACCCCATGCGGGATGAAGACTACGAGGGTG  
 ACATGGAGGAGGAGTGCAGGAGGAAGAAGAGGGTGTGTTCTGGACCACTGGCATGAGCAGGTCCAGCTG  
 GGACAACATGGACTATGTGTGGGAGGAGGAGGACGAGGAGGAAGACCTGGACTACTACTTGGGGGACATG  
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 ATGCACCAACCCCTGGTCGAGGAGCCGCGTGACCGATCAGGGCATCTGTCCCAACACCAAGAAGCCC  
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 CTGAGGAAGCACCTGGAGGCAGTGCAGAAGATGAAAGCCAAGGAGGAGAGCGAGTGACAGAAGTGAAGA  
 GCCAGATGAAGTCAGAGCTGGCAGCGGTGGCTCGGAGTTTGGGCGACTGACACGGTTTCTGGCTGAAGA  
 GCAGGCAGGGCTGGAACGGCGTCTCAGAGAGATGCATGAAGCCAGCTGGGGCGTGGGGAGCCGACGT  
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 GGGGTCTCCGGCTGCTCCAGGACATCAAGGAGACTTTCAATAGGTGTGAAGAGGTACAGCTGCAGCCCCC  
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 GAGGTGGGCGGGCGGGGGTGGGCGGTGGTGTGCCCGTGAATCAACCCATCATAAGGAAAAGGTGG  
 GCCCTGGGGTTCTCCGTGGGAGCGGGATGCCAGCTCCTCGGCCATCACCATCGCCGCCGCCGGCT  
 CCACCTGCCCCAGCAGCCCTGCTCCAGCGGAAGTGTGGTGGTGGGACCAACGGCAAACGCTATCAG  
 GCCAGAGCTCCACAGACAGACGCTGCTGAGCCCCAGTGAGAAACCAAGGCGCTTGGTGTGTACCTGG  
 ACTATGAAGCTGGGCGCTGGGCTTCTACAACGACAGAGCTCTAGCCACGTGCACACCTTCTCGGCTGC  
 TTCTCTGGGCGAGCGTGTCTTCTTCTTCTCCGGTGTCTCCAAGGACCCCGCATCAAGCTCTGCCCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC210557 representing NM\_033549  
 Red=Cloning site Green=Tags(s)

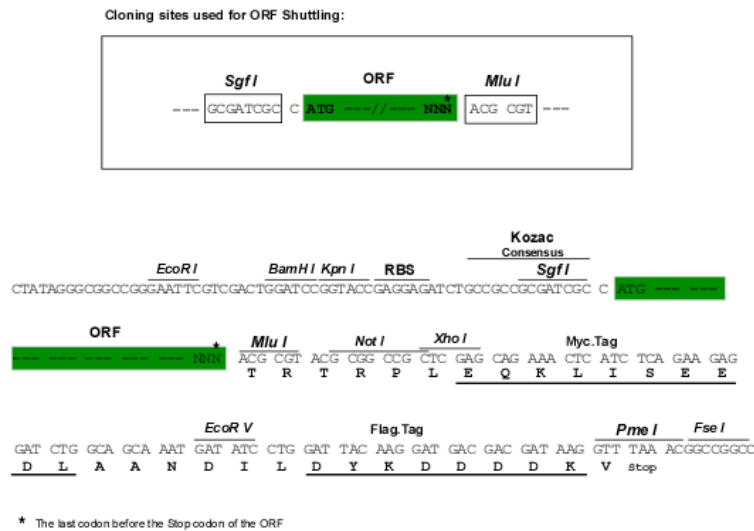
MAAVAMTPNPVQTLQEEAVCAICLDYFTDPVSI GCHNFCRVCTQLWGGEDEEDRDEL DREEEEDGEE  
 EEVEAVGAGAGWDTPMRDEYEGDMEEEVEEEEGVFWTSGMSRSSWDNMDYVWEEDEEEDLDYYLGDM  
 EEEDLRGEDEDEEEVLEEEVEEDLDPVTLPPPPAPRRCTCPQCRKSFPRRSFRPNLQLANMVQVIRQ  
 MHPTPGRGSRVTDQIGCPKHQELKLFCEVDEEAI CVVCRESRSHKQHSVPLEEVVQEYKAKLQGHVEP  
 LRKHLEAVQMKMAKEERRVTELKSMKSELA AVASEFGRLTRFLAEEQAGLERRLREMHEAQLGRAGAAA  
 SRLAEQAAQLSRLLA EAQERSQQGLRLQLDIKETFNRC EEVQLQPPEVWSPDPCQPHSHDFLTD AIVRK  
 MSRMFCQAARVDLTLPDTAHPALMLSPDRRGVRLAERRQE VADHPKRF SADCCVLGAQGFRRSGRHYWEV  
 EVGRRGWAVGAARESTHHKEKVGPGSSVSGDASSRHHRRRLHLPQQPLLQREVWCVGTNGKRYQ  
 AQSSTEQTLLSPSEKPRRFVYLDYEAGRLGFYNAETLAHVHTFSA AFLGERVFPFVRVLSKGTRIKLCP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: [https://cdn.origene.com/chromatograms/mg3187\\_c02.zip](https://cdn.origene.com/chromatograms/mg3187_c02.zip)

Restriction Sites: SgfI-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.

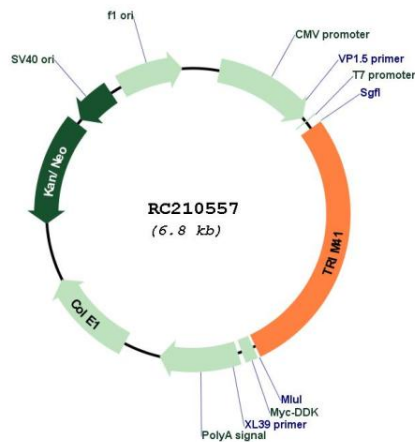
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM\\_033549.5](#)

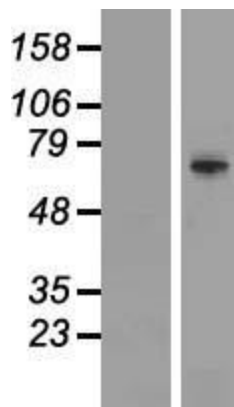
RefSeq Size: 3641 bp

|                   |                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RefSeq ORF:       | 1893 bp                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:         | 90933                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt ID:       | <a href="#">Q8WV44</a>                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:     | 5q35.3                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Families: | Druggable Genome                                                                                                                                                                                                                                                                                                                                                                                   |
| MW:               | 71.5 kDa                                                                                                                                                                                                                                                                                                                                                                                           |
| 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 RC210557



Western blot validation of overexpression lysate (Cat# [LY409431]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210557 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).