

## Product datasheet for **RC209630**

### TRIM11 (NM\_145214) Human Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                       |
| Product Name:             | TRIM11 (NM_145214) Human Tagged ORF Clone |
| Tag:                      | Myc-DDK                                   |
| Symbol:                   | TRIM11                                    |
| Synonyms:                 | BIA1; RNF92                               |
| Mammalian Cell Selection: | Neomycin                                  |
| Vector:                   | pCMV6-Entry (PS100001)                    |
| E. coli Selection:        | Kanamycin (25 ug/mL)                      |



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**ORF Nucleotide Sequence:**

>RC209630 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCCGCCCCCGACCTGTCCACCAACCTCCAGGAGGAGGCCACCTGCGCCATCTGCCTCGACTACTTCA  
 CGGATCCGGTGATGACCGACTGCGGCCACAACCTCTGCCGCGAGTGCATCCGGCGCTGCTGGGGCCAGCC  
 CGAGGGCCCGTACGCGTGCCCGAGTGCCGCGAGCTGTCCCGCAGAGGAACCTGCGGCCAACCGCCCG  
 CTTGCTAAGATGGCCGAGATGGCGCGGCGCTGCACCCGCGTCCCGGTCCCGCAGGGCGTGTGCCCG  
 CGCACCAGGAGCCACTGGCCGCTTCTGTGGCGACGAGCTGCGCCTCCTGTGTGGCGCTGCGAGCGCTC  
 TGGGGAGCACTGGGCGCACCGCTGCGGCCGCTGCAGGACGCGGCCGAAGACCTCAAGGCGAAGCTGGAG  
 AAGTCACTGGAGCATCTCCGAAGCAGATGCAGGATGCGTTGCTGTTCCAAGCCAGGCGGATGAGACCT  
 GCGTCTTGTGGCAGAAGATGGTGGAGAGCCAGCGCAGAACGTGCTGGTGAGTTCGAGCGTCTTCGCCG  
 TTTGCTGGCAGAGGAGGAGCAGCAGCTGCTGCAGAGGCTGGAGGAGGAGGAGCTGGAGGTCTGCCCGG  
 CTGCGGGAGGGCCAGCCACCTAGGCCAGCAGAGCGCCACCTAGCTGAGCTCATCGCCGAGCTCGAGG  
 GCCGCTGCCAGCTGCCTGCTCTGGGGCTGCTGCAGGACATCAAGGACGCCCTGCGCAGGGTCCAGGATGT  
 GAAGCTGCAGCCCCAGAAGTTGTGCCTATGGAGCTGAGGACCGTGTGCAGGGTCCCGGGACTGGTAGAG  
 ACACTGCGGAGGTTTCGAGGGGACGTGACCTTGGACCCGGACACCCGCAACCCTGAGCTGATCCTGTCTG  
 AAGACAGGCGGAGCGTGCAGCGGGGGACCTACGGCAGGCCCTGCCGGACAGCCAGAGCGCTTTGACCC  
 CGGCCCTGCGTGTGGCCAGGAGCGCTTACCTCAGGCCGCACTACTGGGAGGTGGAGTTGGGGAC  
 CGCACCAGCTGGCCCTGGGGTGTGCAGGGAGAACGTGAACAGGAAGGAGAAGGGCGAGCTGTCCGCGG  
 GCAACGGCTTCTGGATCCTGGTCTTCTGGGAGCTATTACAATTCCTCGGAACGGCCCTTGGCTCACT  
 CCGGGACCCACCCAGGCGCGTGGGGATCTTCTGGACTACGAGGCTGGACATCTCTCTTTCTACAGTGCC  
 ACCGATGGGTCACTGCTATTCATCTTCCCGAGATCCCTTCTCGGGGACGCTGCGGCCCTCTTCTCAC  
 CCCTGTCCAGCAGCCGACCCCGATGACTATCTGCCGGCCGAAAGGTGGGTCCGGGGACACCCTGGCTCC  
 CCAG

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTAA

**Protein Sequence:**

>RC209630 protein sequence  
 Red=Cloning site Green=Tags(s)

MAAPDLSTNLQEEATCAICLDYFTDPVMTDCGHNFCRECIIRRCWGQPEGPYACPECRELSPQRNLRPNRP  
 LAKMAEMARRLHPPSPVPQGVCPAHREPLAAFCGDELRLLLCAACERSGEHWHRVRPLQDAAEDLKAKLE  
 KSLEHLRQMQDALLFQAQADETCVLWQKMVESQRQNVLGEFERLRLLAEQQLLQRLEEEELVLP  
 LREGAAHLGQSAHLAELIAELEGRCLPALGLLQDIKDALRRVQDVKLQPPPEVPMELRTVCRVPLVE  
 TLRRFRGDVTLDPDTANPELILSEDRRSVQRGDLRQALPDSERFDPGPCVLGQERFTSGRHYWEVEVGD  
 RTSWALGVCRENVNRKEGEL SAGNGFWILVFLGSYNSSERALAPLRDPPRRVGIIFLDYEAHLSFYSA  
 TDGSLLFIFPEIPFSGTLRPLFSPLSSSPTPMTICRPKGGSGDTLAPQ

**SGP**TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk6186\\_d10.zip](https://cdn.origene.com/chromatograms/mk6186_d10.zip)

**Restriction Sites:**

Sgfl-RsrII

**Cloning Scheme:**


**ACCN:** NM\_145214

**ORF Size:** 1404 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\\_145214.3](#)

**RefSeq Size:** 2715 bp

**RefSeq ORF:** 1407 bp

**Locus ID:** 81559

**UniProt ID:** [Q96F44](#)

**Cytogenetics:** 1q42.13

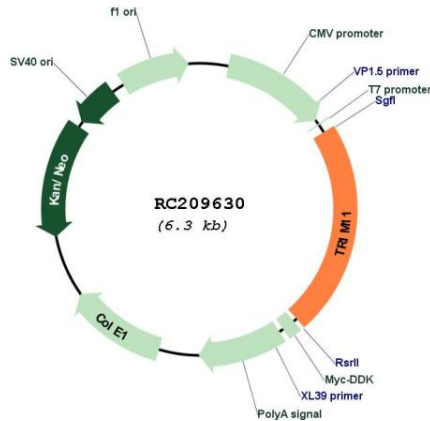
**Domains:** zf-B\_box, RING, SPRY, PRY

**Protein Families:** Druggable Genome

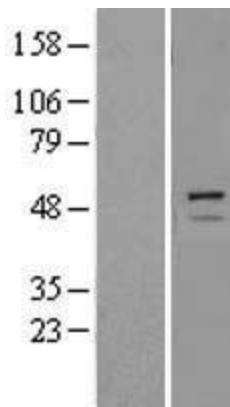
**MW:** 52.8 kDa

**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. This protein localizes to the nucleus and the cytoplasm. Its function has not been identified. [provided by RefSeq, Jul 2008]

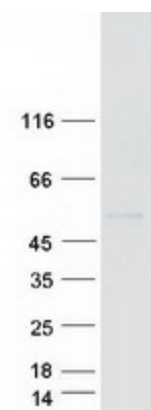
**Product images:**



Circular map for RC209630



Western blot validation of overexpression lysate (Cat# [LY403427]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC209630 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified TRIM11 protein (Cat# [TP309630]). The protein was produced from HEK293T cells transfected with TRIM11 cDNA clone (Cat# RC209630) using MegaTran 2.0 (Cat# [TT210002]).