

## Product datasheet for RC201074

### TRIM44 (NM\_017583) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM44 (NM_017583) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRIM44
Synonyms:	AN3; DIPB; HSA249128; MC7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC201074 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCTCTGGAGTGGGCGCGCCTTCGAGGAAGTGCCTCACGACGGCACGTGTGACGAGTGGAGCCCG  
ACGAGGCTCCGGGGCCGAGGAAGTGTGCCGAGAATGCGGCTTCTGCTACTGCCGCCCATGCCGAGGC  
GCACAGGCAGAAGTTCCTCAGTCACCATCTGGCCGAATACGTCCACGGCTCCAGGCCTGGACCCCGCCA  
GCTGACGGAGAGGGGGCGGGGAAGGAAGAAGCGGAGGTCAAGGTGGAGCAGGAGAGGGAGATAGAAAAGCG  
AGGCAGGGGAAGAGAGTGAAGTGGAGGAAGAGAGCGAGTCAAGGAAGAGAGCGAGACAGAGGAAGAGAG  
TGAGGATGAGAGCGATGAGGAGAGTGAAGAAGACAGCGAGGAAGAAATGGAGGATGAGCAAGAAAGCGAG  
GCCGAAGAAGACAACCAAGAAGAAGGGGAATCCGAGGCGGAGGGAGAAACTGAGGCAGAAAGTGAATTTG  
ACCCAGAAATAGAAATGGAAGCAGAGAGAGTGGCCAAGAGGAAGTGTCCGGACCATGGGCTTGATTTGAG  
TACCTATTGCCAGGAAGATAGGCAGTCTCTGTGTCTGTGTCCAGTCAATGGGGCTCACCAGGGCCAC  
CAACTCTCCACCCTAGACGAAGCCTTTGAAGAATTAAGAAGCAAAGACTCAGGTGGACTGAAGGCCGCTA  
TGATCGAATTGGTGGAAAGTTGAAGTCAAGAGCTCAGACCTAAAGTAACTCGGGACCAATGAAGAT  
GTTTATACAGCAGGAATTAAGAAAGTTCAGAAAGTGAATGCTGATGAGGAGCAGAAGGCCCTTCATCTA  
GTGGACATCCAAGAGGCAATGGCCACAGCTCATGTGACTGAGTACTGGCAGACATCCAATCCCACATGG  
ATAGTTGATGACTCAGATGGCCCAAGCAAGGAACAACCTTGATACCTCTAATGAATCAGCTGAGCCAAA  
GGCAGAGGGCGATGAGGAAGGACCCAGTGGTGCCAGTGAAGAAGAGGACACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_017583.6](#)

**RefSeq Size:** 4337 bp

**RefSeq ORF:** 1035 bp

**Locus ID:** 54765

**UniProt ID:** [Q96DX7](#)

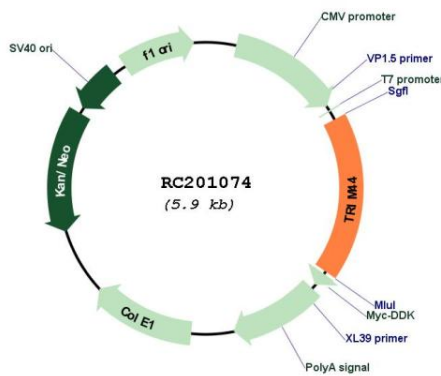
**Cytogenetics:** 11p13

**Domains:** zf-B\_box

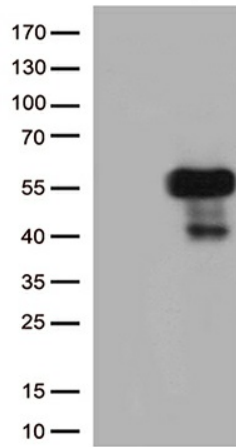
**MW:** 38.5 kDa

**Gene Summary:** This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, namely a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. [provided by RefSeq, Jul 2008]

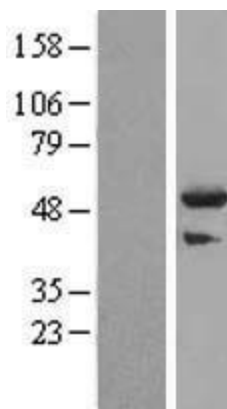
### Product images:



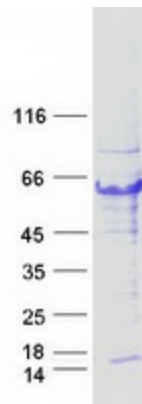
Circular map for RC201074



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TRIM44 (Cat# RC201074, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TRIM44 (Cat# [TA505561])(1:500)



Western blot validation of overexpression lysate (Cat# [LY413678]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201074 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified TRIM44 protein (Cat# [TP301074]). The protein was produced from HEK293T cells transfected with TRIM44 cDNA clone (Cat# RC201074) using MegaTran 2.0 (Cat# [TT210002]).