

## Product datasheet for **RC223083**

### TRIM60 (NM\_152620) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM60 (NM_152620) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRIM60
Synonyms:	RNF33; RNF129
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC223083 representing NM\_152620  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGTTTGTGACAGCCCTGGTGAACCTCCAAGAGGAGTCTAGCTGTCCATCTGTCTGGAGTACTTGA  
 AAGACCCAGTGACCATCAACTGTGGGCACAACCTCTGTCGCTCCTGCCTCAGTGTATCCTGGAAGGATCT  
 AGATGATACCTTTCCCTGTCTGTGCGTTTTTGTCTTCCATACAAGAGCTTCAGGAGGAACCCCGAG  
 CTCGTAATTTGACTGAAATTGCTAAACAACCTCCAGATTAGGAGGAGCAAGAGAAAAGAGGAGCAAAAGAGA  
 ATGCCATGTGTGAAAAACACAACCGATTCTGACCCTCTCTGTGTTAAAGATCTAGAGATCTTATGTAC  
 ACAGTGCAGTTTCTCCACTAAACACCAGAAGCACTACATTTGCCCTATTAAGAAAGCTGCCTCTTATCAC  
 AGAGAAATCTAGAAGGTAGCCTTGAGCCCTTGAGGAATAATATAGAACGAGTTGAAAAAGTGATAATTC  
 TGCAAGGCAGCAAATCAGTGGAGCTGAAAAGAAGGTAGAATATAAGAGGGAAGAAATAAATTCTGAGTT  
 TGAGCAAATAAGATTGTTTTACAGAATGAACAAGAGATGATTCTTAGGCAGATACAAGTGAAGAGATG  
 AACATTTTAGCAAACTAAATGAAAACCTTGAGAACTTTAGATTATGTTCCACATTAACATCTAC  
 TGAGGGAGGTAGAGGGCAAGTCTGTGCAGTCAAACCTGGAATTACTGACACAAGCTAAGAGTATGCACCA  
 CAAGTATCAAAACCTAAATGCCCTGAACCTTTTTATTAGATTAACAAAATATGGTTTCAGTCTTCTCT  
 CCTCAATATTCTGGCTTGACAGAAATTCAAGCCATTTCAAGTAGATGTGATTCTAGATCTCAACACAG  
 CACATCTCAACTTCTGTCTCTGAGGATAGAAAAGCTGTGCGATATGAAAGAAAAAACGAAACATTTG  
 TTATGACCAAGGAGATTTATGTCTGCCCTGCTGCTAGGCTCTCAGAGATTTAGTTCTGGCCGACAT  
 TACTGGGAAGTAGAAGTGGGAAACAACCTAAATGGATATTGGGTGTGTGCAAGACTGTCTTCTTAGGA  
 ACTGGCAGGATCAGCCATCAGTTCTGGGCGGATCTGGGCAATTGGGCGATACATGAAGATGGTTATGT  
 TGGCTCAGGTCCTAAGACAACCCAGCTTCTGCCAGTAGTAAAACCCAGTAAAATTGGTATTTTTCTGGAC  
 TATGAATTGGGTGATCTTCTTTTATAATATGAATGATAGTCTATTCTCTATACTTTTAAACGATTGTT  
 TCACAGAAGCCGTTTGCCTTATTTCTATACTGGAACAGATCCGAACCTCTAAATCTGCTCAGTATC  
 AGATTCTGAAAGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC223083 representing NM\_152620  
 Red=Cloning site Green=Tags(s)

MEFVTALVNLQEESSPICLEYLKDPTVINCGRHFCRSLSVSWKDLDDTFPCPVCRCFPYKSFRRNPQ  
 LRNLTEIAKQLQIRRSKRKRQKENAMCEKHNQFLTFVCVKDLEILCTQCSFSTKHQKHYICPIKKAASYH  
 REILEGSLEPLRNNIERVEKVIIILQGSKVELKKKVEYKREEINSEFEQIRLFLQNEQEMILRQIQDEEM  
 NILAKLNEMLVELSDYVSTLKHLLREVEGKSVQSNLELLTQAKSMHHKYQNLKCPFLSFRLTKYGFSLP  
 PQYSGLDRIKPFQVDVILDNLTAHPQLLVSEDRKAVRYERKRNICYDPRRFYVCPAVLGSQRFSSGRH  
 YWEVEVGNPKWILGVCQDCLLRNWQDQPSVLGGFWAIGRYMKSgyvasgpkttqllpvvkskigifld  
 YELGDLsfynmndrsilytfndcfteavwpyfytgtdseplkicsvdserser

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8104\\_b09.zip](https://cdn.origene.com/chromatograms/mk8104_b09.zip)

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_152620

**ORF Size:** 1413 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\\_152620.3](#)
**RefSeq Size:** 1842 bp

**RefSeq ORF:** 1416 bp

**Locus ID:** 166655

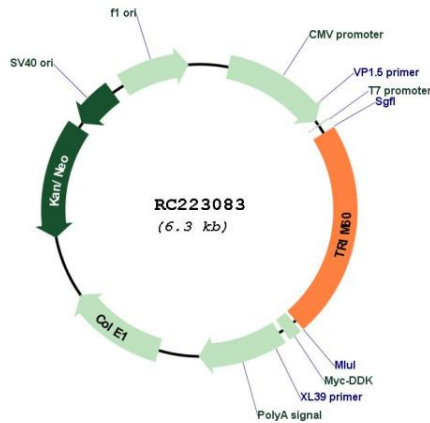
**UniProt ID:** [Q495X7](#)
**Cytogenetics:** 4q32.3

**Protein Families:** Druggable Genome

**MW:** 55.1 kDa

**Gene Summary:** The protein encoded by this gene contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. Pseudogenes of this gene are located on more than six chromosomes including chromosome 4. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2013]

**Product images:**



Circular map for RC223083