

## Product datasheet for **RC226987**

### **TRIM64 (NM\_001136486) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TRIM64 (NM_001136486) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRIM64
Synonyms:	C11orf28; TRIM64A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC226987 representing NM\_001136486  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGATTCAGACGACCTGCAAGTCTTCCAGAATGAGCTCATTGTGTCATTTGCGTGAACACTTTCATAG  
 ATCCGGTACCATTGACTGTGGGCACAGCTTTTGCAGGCCCTGCCTCTGCCTCTGCTCAGAAGAAGGCAG  
 AGCACCAATGCGCTGCCCTTCGTGCAGAAAAATCTCAGAGAAGCCCAACTTCAACACCAATGTGGTACTC  
 AAAAAGCTGTCTTCCCTAGCCAGACAGACCAGACCTCAGAACATCAACAGCTCAGACAATATCTGTGTGC  
 TCCATGAGGAGACTAAGGAGCTTCTGTGAGGCTGACAAGAGATTGCTCTGTGGGCCCTGCTCTGAGTC  
 ACCAGAGCACATGGCTCACAGCCACAGCCCAATAGGATGGGCTGCTGAGGAATGCAGGGAGAAAATTATA  
 AAGGAAATGGACTATTTATGGGAAATCAATCAAGAGACAAGAAACAATCTAAATCAGGAACTAGAACAT  
 TTCATTCGTTAAAGGACTATGTGTCAGTAAGGAAGAGGATAATCACTATTCAATATCAAAAGATGCCTAT  
 ATTTCTCGATGAGGAGGACAACGGCATCTGCAGGCACTGAAAGAGAAGCAGAAGAGCTTTTCCAACAA  
 CTAACAAGACAGTCAAGTGAGAATGACCCAACTTTAGAAAAGGATGAAAGACATGTACAGAGAGCTGTGGG  
 AGACATGCCACGTGCCTGACGTGGAGCTGCTCCAGGATGTGAGAAATGTATCAGCAAGGACTGATTTGGC  
 ACAGATGCAAAAGCCCCAGCCAGTGAACCCAGAGCTCACTTCATGGTGCATAACTGGAGTCTTAGACATG  
 CTCAACAACCTCAGAGTGGATAGTGTCTGTGACGACGGAATGATTCCTTGCTATAAAGCCTTCTGAGG  
 ATGTGAGATATGTGATATTTGGAGATGACCATCTCAGTGTCTCCACGGATCCCCAGGGAGTGACAGCTT  
 TGCTGTGTGGGGAGCGCAAGCATTACCTCCGGCAAGCATTACTGGGAGGTGGATGTGACCTCTCCTCC  
 AACTGGATTCTGGGAGTCTGTCAAGATTCCAGGACTGCAGATGCCAATTCGTTATTGATTCTGATGAAA  
 GATTTTTTTTTAATTTCTCAAAGAGGAGCAACTACTATAGTCTCTCCACCAACTCTCCACTTTAATTCA  
 GTATGTGCAAAGGCCTCTGGGTCAAGTTGGGTGTTTCTGGATTATGATAATGGATCTGTGAGTTTTTTT  
 GATGTTTCTAAAGTTCTCTTATCTATGGTTTTCTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
 TTTGCTTTGGTTGTACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC226987 representing NM\_001136486  
 Red=Cloning site Green=Tags(s)

MSDDLQVFQNELICCVNYFIDPVTIDCGHSFCRPCLCLCSEEGRAPMRCPSKRKISEKPNFNTNVVL  
 KKLSSLARQTRPQINSSDNICVLHEETKELFCEADKRLLCGPCSESPHEMAHSHSPIGWAAEECREKLI  
 KEMDYLWEINQETRNLNQETRTFHSLKDYVSVRKRIITIQYQKMPIFLDEEEQRHLQALEREAEELFQQ  
 LQDSQVRMTQHLERMKDMYRELWETCHVPDVLLQDVRNVSARTDLAQMQKQPVPNPELTSWCITGVLDL  
 LNNFRVDSALSTEMIPCYISLSEVRYVIFGDDHLSAPTDPPQVDSFAVWGAQAF TSGKHYWEVDVTLSS  
 NWILGVCQDSRTADANFVIDSDERFFLISSKRSNHYSLSSTNSPPLIQYVQRPLGQVGVFLDYDNGSVSFF  
 DVSKGSLIYGFPSSFSPLRPFFCFGCT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8032\\_f07.zip](https://cdn.origene.com/chromatograms/mk8032_f07.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001136486

**ORF Size:** 1347 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\\_001136486.1](#), [NP\\_001129958.1](#)

**RefSeq ORF:** 1350 bp

**Locus ID:** 120146

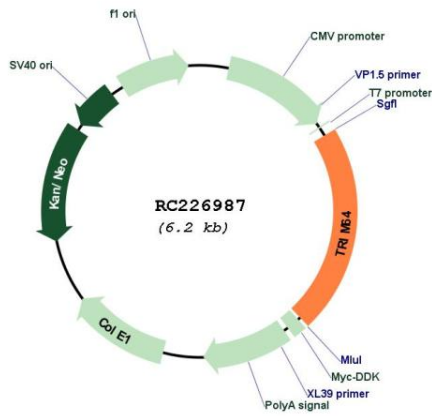
**UniProt ID:** [A6NGI6](#)

**Cytogenetics:** 11q14.3

**Protein Families:** Druggable Genome

MW: 51.4 kDa

Product images:



Circular map for RC226987