

Product datasheet for **RG200126**

TRIM62 (NM_018207) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM62 (NM_018207) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIM62
Synonyms:	DEAR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG200126 representing NM_018207
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTGCAGCCTCAAGGACGAGCTGCTGTGCTCCATCTGCCTGAGCATCTACCAGGACCCGGTGAGCC
 TGGGCTGCGAGCACTACTTCTGCCGCCGCTGCATCACGGAGCACTGGGTGCGGCAGGAGCGCAGGGCGC
 CCGCGACTGCCCGAGTGCCGGCGCACGTTTCGCCGAGCCCGCGCTGGCGCCAGCCTCAAGCTGGCCAAC
 ATCGTGGAGCGCTACAGCTCCTTCCCGCTGGACGCCATCCTCAACGCGCGCCGCGCCGCGGACCCCTGCC
 AGGCGCACGACAAGTCAAGCTCTTCTGCCTCACGGACCGCGCTTCTCTGCTTCTTCTGCGACGAGCC
 TGCCTGCACGAGCAGCATCAGGTACCCGGCATCGACGACGCTTCGACGAGCTGCAGAGGGAGCTGAAG
 GACCAACTTCAGGCCCTCAAGACAGCGAGCGGGAACACACCGAAGCGCTGCAGCTGCTCAAGCGACAAC
 TGGCGGAGACCAAGTCTCCACCAAGAGCCTGCGGACCACTATCGGCGAGGCCTTCGAGCGGCTGCACCG
 GCTGCTGCGTGAACGCCAGAAGGCCATGCTAGAGGAGCTGGAGGGGACACGGCCCGCACGCTGACCGAC
 ATCGAGCAGAAAGTCCAGCGCTACAGCCAGCAGCTGCGCAAGGTCCAGGAGGGAGCCAGATCCTGCAGG
 AGCGGCTGGTGAACCGACCGGCACACCTTCTGGTGGGTGGCTCACTGTCCGAGCGGCTCAAGGG
 AAAATCCATGAGACCACTCACATATGAAGACTTCCGACCTCCAAGTACACAGGCCCCCTGCAGTAC
 ACCATCTGGAAGTCCCTGTTCCAGGACATCCACCAGTGCAGCCGCCCTAACCTGGACCCGGGCACAG
 CCCACCAGCGCTGATCTGTGCGGACGACTGCACATTGTGGCTTACGGCAACTGCACCCACAGCCACT
 GCAGGACTCGCCAAAGCGCTTCGATGTGGAGGTGTCGGTGTGGTCTGAAGCCTTCAGTAGTGGCGTC
 CACTACTGGGAGGTGGTGGTGGCGGAGAAGACCAAGTGGGTGATCGGGCTGGCACACGAAGCCGCAAGCC
 GCAAGGGCAGCATCCAGATCCAGCCAGCCGCGCTTCTACTGCATCGTATGCAGATGGCAACCCAGTAC
 CAGCGCCTGCACGGAGCCCTGGACGCGGCTTAAGTCCGGGACAAGCTTGACAAGGTGGGTGTCTTCTCTG
 GACTATGACCAAGGCTTGTCTATCTTCTACAATGCTGATGACATGTCTGGCTCTACACCTTCCGCGAGA
 AGTTCCCTGGCAAGCTCTGCTCTTACTTACGCCCTGGCCAGAGCCACGCCAATGGCAAGAAGCTTCAGCC
 GCTGCGGATCAACACCGTCCGCATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG200126 representing NM_018207
 Red=Cloning site Green=Tags(s)

MACSLKDELLCSICLSIYQDPVSLGCEHYFCRRCITEHWVRQEAQGARDCEPCRRTFAEPALAPSLKLAN
 IVERYSSFPLDAILNARRAARPCQAHDKVKLFCLTDRALLCFFCDEPALHEQHQVTGIDDAFDELQRELK
 DQLQALQDSEREHTEALQLLKRQLAETKSSSTKSLRTTIGEAFLERLHRLLRERQKAMLEELEADTARTLTD
 IEQKVQRYSSQLRKVQEGAQILQERLAETDRHTFLAGVASLSERLKGIHETNLTYEDFPTSKYTGPLQY
 TIWKSLEFQDIHPVPAALTLDPGTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVEVSVLGSEAFSSGV
 HYWEVVVAEKTQWVIGLAHEAASRKSGSIQIQPSRGFYCIVMHDGNQYSACTEPWTRLNVRDKLDKVGVFL
 DYDQGLLIFYNADDMSWLYTFREKFPGLKCSYFSPGQSHANGKNVQPLRINTVRI

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_018207

ORF Size: 1425 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_018207.1](#), [NP_060677.1](#)

RefSeq Size: 3436 bp

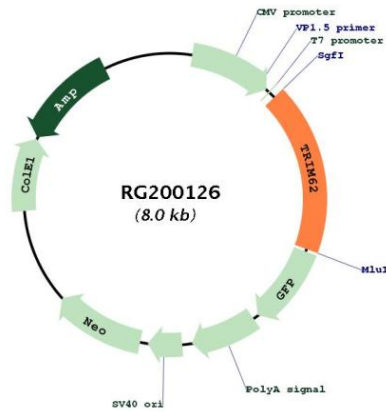
RefSeq ORF: 1428 bp

Locus ID: 55223

UniProt ID: [Q9BVG3](#)

Cytogenetics: 1p35.1
Domains: zf-B_box, RING, SPRY, PRY
Protein Families: Druggable Genome
Gene Summary: E3 ubiquitin ligase whose activity is dependent on E2 ubiquitin-conjugating enzyme UBE2D2. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG200126