

Product datasheet for **RG234285**

TRIM65 (NM_001256124) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM65 (NM_001256124) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIM65
Synonyms:	4732463G12Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG234285 representing NM_001256124
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCCGCGCAGCTGCTGGAGGAGAAGCTGACCTGCGCCATCTGCCTGGGGCTCTACCAGGACCCAGTGA
 CGCTGCCCTGCGGCCACAACCTTCTGCGGGCCTGCATCCGGGACTGGTGGGACCGCTGCGAAAGCGTG
 CCCCAGTGCCGGGAGCCCTTTCCCGACGGCGCCGAGCTGCGCCGCAACGTGGCCCTCAGCGCGTGCTG
 GAGGTGGTGCAGCGCCGGGCCCGCCGGGATCCCGGCCCGATCCCGGCCCGGCCCGACCTGCCGCGC
 GCTGCCCCCGCCACGGGCGGCCGCTGGAGCTCTTCTGCCGAGCCAGGGCCGCTGTGTGTCAGCGTGTG
 CACCGTGCAGGTGTGCGCTCCACGAGCGGGCGCTGCTGGATGCCGAGCGCCTCAAGCGCAGGCCAG
 CTGAGAGCCAGCTGGAGTTACCCAGCAGCAGGCCACCCAGGCCAAGGCCAGCTACTAGAGTGCACA
 AGCAAAGCAGCCAGATCCAGAACTCGGCCTGCATCTTGGCCTCCTGGGTCTCCGGCAAGTTCAGCAGCT
 GCTACAGGCCCTGAAATACAGCACACGACGACTGAGGAGCATCGAGGTGGCAAGACGAGGCCGCTG
 GCACAGGCTCGAGACGAGGAGCAGCGGCTGCGGGTCCATTTGGAGGCTGTGGCTCGCCATGGCTGCAGGA
 TCCGGGAGCTCCTGGAGCAGGTGGATGAGCAGACCTTCTGCAGGAATCGCAGCTCCTCCAGCCCCAGG
 GCCTCTTGGGCCACTGACCCCTCTGCAGTGGGATGAAGACCAACAGCTGGGTGACCTGAAGCAGTTGCTA
 AGCCGGCTGTGTGGCCTCCTCTTGAAGAGGGGAGCCACCCTGGGGCACCAGCCAAGCCTGTGGACTTAG
 CCCCCGTGGATTATCGCAATCTGACCTTTGATCCAGTCAGCGCCAACCGTCACTTCTATCTGTCGCGCA
 GGACCAGCAGGTGAAGCACTGTCGTGAGTCCCGGGGCCAGGCGGGCCCGGCAGCTTTGAGCTCTGGCAG
 GTGCAATGTGCCAGAGCTTCCAGGCCGGGCACCACTACTGGGAGGTGCGCGCTCAGACCACTCGGTGA
 CACTGGGCGTCTCCTACCCGCACTGCCACGGTGCAGGCTGGGGCCCCACACAGACAACATTGGCCGGGG
 ACCCTGCTCCTGGGGGCTCTGCGTCCAGGAGGACAGCCTCCAGGCCTGGCACAACGGGGAAGCCCGCGC
 CTCCCAGGGGTGTGAGGGCGGCTCCTGGGCATGGATTTGACCTGGCCTCAGGCTGCCTACCTTCTACA
 GCCTGGAGCCCCAGACCAGCCCTGTACACCTTCCATGCCCTCTTCAACCAGCCCTCACCCCGTCTT
 CTGGCTCCTCGAGGGTAGGACCCTGACCCTGTGCCATCAGCCAGGGGCTGTGTTCCCTCTGGGGCCCCAG
 GAAGAGGTGCTCAGC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG234285 representing NM_001256124
 Red=Cloning site Green=Tags(s)

MAAQLLEEKLTAICLGLYQDPVTLPCGHNFCGACIRDWWDRCGKACPECREPFPDGAELRRNVALSGVL
 EVVRAGPARDPGPDGPGPDPAARCPRHGRPLELFCRTEGRCVCSVCTVRECRLHERALLDAERLKREAQ
 LRASLEVTQQATQAEQQLLELRKQSSQIQNSACILASWVSGKFSLLQALEIQHTTALRSIEVAKTQAL
 AQARDEEQRLRVHLEAVARHGCRIRELLEQVDEQTFLESQLLPPLGPTPLQWDEDQQLGDLKQLL
 SRLCGLLLEEGSHPGAPAKPVDLAPVDYRNLTFDPVSANRHFYLSRQDQVKHCRQSRGPGPGSFELWQ
 VQCAQSFQAGHHYWEVRASDHVTLGVSYPLPRCRLGPHTDNIGRGPCSWGLCVQEDSLQAWHNGEAQR
 LPGVSGRLLGMDLDLASGCLTFYSLEPQTQPLYTFHALFNQPLTPVFWLLEGRTLTLCHQPGAVFPLGPQ
 EEVLS

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001256124

ORF Size: 1485 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_001256124.2](#)

RefSeq Size: 3393 bp

RefSeq ORF: 1488 bp

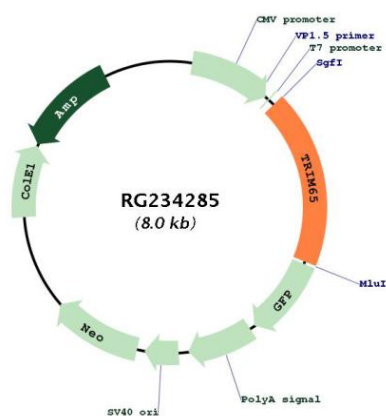
Locus ID: 201292

UniProt ID: [Q6PJ69](#)

Cytogenetics: 17q25.1

Protein Families: Druggable Genome

Product images:



Circular map for RG234285