

Product datasheet for **RG234201**

TRIM60 (NM_001258025) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	TRIM60
Synonyms:	RNF33; RNF129
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RG234201 representing NM_001258025
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGTTTGTGACAGCCCTGGTGAACCTCCAAGAGGAGTCTAGCTGTCCCATCTGTCTGGAGTACTTGA
 AAGACCCAGTGACCATCAACTGTGGGCACAACCTTCTGTGCTCCTGCCTCAGTGTATCCTGGAAGGATCT
 AGATGATACCTTTCCCTGTCTGTCTGCCGTTTTTGTCTTCCATACAAGAGCTTCAGGAGGAACCCAG
 CTCCGTAATTTGACTGAAATTGCTAAACAACCTCCAGATTAGGAGGAGCAAGAGAAAGAGGCAGAAAGAGA
 ATGCCATGTGTGAAAAACACAACCACTTCTGACCCCTCTTCTGTGTTAAAGATCTAGAGATCTTATGTAC
 ACAGTGCAGTTTCTCCACTAAACACCAAGCACTACATTTGCCCTATTAAGAAAGCTGCCTCTTATCAC
 AGAGAAATTCTAGAAGGTAGCCTTGAGCCCTTGAGGAATAATATAGAACGAGTTGAAAAAGTGATAATTC
 TGCAAGGCAGCAATCAGTGGAGCTGAAAAAGAGGTAGAATATAAGAGGGAAGAAATAAATCTGAGTT
 TGAGCAATAAGATTGTTTTACAGAATGAACAAGAGATGATTCTTAGGCAGATACAAGATGAAGAGATG
 AACATTTTAGCAAACTAAATGAAAACCTTGTAAGACTTTCAGATTATGTTCCACATTAACATCTAC
 TGAGGGAGGTAGAGGGCAAGTCTGTGAGTCAACCTGGAATTACTGACACAAGCTAAGAGTATGCACCA
 CAAGTATCAAAACCTAAATGCCCTGAACCTCTTTTATTAGATTAACAAAATATGGTTTCAGTCTTCTC
 CCTCAATATTCTGGCTTGGACAGAATTATCAAGCCATTTCAAGTAGATGTGATTCTAGATCTCAACACAG
 CACATCTCAACTTCTTGTCTCTGAGGATAGAAAAGCTGTGCGATATGAAAGAAAAAACGAAACATTTG
 TTATGACCCAAGGAGATTTTATGTCTGCCCTGCTGCTCAGGCTCTCAGAGATTTAGTTCTGGCCGACAT
 TACTGGGAAGTAGAAGTGGGAAACAAACCTAAATGGATATTGGGTGTGTGCAAGACTGTCTTCTAGGA
 ACTGGCAGGATCAGCCATCAGTTCTGGCGGATTCTGGGCAATTGGGCGATACATGAAGAGTGGTTATGT
 TGCGTCAGGTCTAAGACAACCCAGCTTCTGCCAGTAGTAAACCCAGTAAAATTGGTATTTTCTGGAC
 TATGAATTGGGTGATCTTTCTTTTATAATATGAATGATAGGTCTATTCTCTATACTTTAACGATTGTT
 TCACAGAAGCCGTTTGGCCTTATTCTATACTGGAACAGATCCGAACCTCTTAAATCTGCTCAGTATC
 AGATTCTGAAAGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG234201 representing NM_001258025
 Red=Cloning site Green=Tags(s)

MEFVTALVNLQEESCPICLEYLKDPVTINCGHNFCSRCLSVSWKDLDDTFPCPVCRFPCFPYKSFRNPQ
 LRNLTEIAKQLQIRRSKRKRQKENAMCEKHNQFLTFVKDLEILCTQCSFSTKHQKHICYPIKKAASYH
 REILEGSLEPLRNNIERVEKVIILQGSVELKKKVEYKREEINSEFEQIRLFLQNEQEMILRQIQDEEM
 NILAKLNENLVESDYVSTLKHLLREVEGKSVQSNLELLTQAKSMHHKYQNLKCPFLFSFRLTKYGFSLP
 PQYSGLDRIKPFQVDVILDNTAHPQLLVSEDRKAVRYERKKRNICYDPRRFYVCPAVLGSQRFSSGRH
 YWEVEVGNPKWILGVCQDCLLRNWQDQPSVLGGFWAIGRYMKSQYVASGPKTQLLPVVKPSKIGIFLD
 YELGDLSFYNMNDRSILYTFNDCFTEAVWPYFYTGTDSEPLKICSVSDSER

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001258025

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

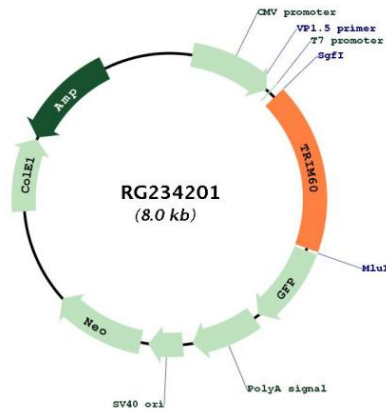
RefSeq: [NM_001258025.2](#)

RefSeq Size: 2016 bp
 RefSeq ORF: 1416 bp
 Locus ID: 166655
 UniProt ID: [Q495X7](#)
 Cytogenetics: 4q32.3

Protein Families: Druggable Genome

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 RG234201