

Product datasheet for **RG201289**

TRIM32 (NM_012210) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM32 (NM_012210) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIM32
Synonyms:	BBS11; HT2A; LGMD2H; LGMDR8; TATIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG201289 representing NM_012210
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTGCAGCAGCAGCTTCTCACCTGAACCTGGATGCCCTCCGGGAAGTCTAGAATGCCCATCTGCA
 TGGAGTCCCTTACAGAAGAGCAGCTGCGTCCCAAGCTTCTGCACTGTGGCCATACCATCTGCCGCCAGTG
 CCTGGAGAAGCTATTGGCCAGTAGCATCAATGGTGTCCGCTGTCCCTTTTGCAGCAAAGTACCCTGCATA
 ACCAGCTTGACCCAGCTGACAGACAATCTGACAGTGCTAAAGATCATTGATACAGCTGGGCTCAGCGAGG
 CTGTGGGGCTGCTCATGTGTCCGCTCTGTGGGCGGCTGTCCCGGCAATTCTGCCGGAGCTGTGGTTT
 GGTGTTATGTGAGCCCTGCCGGGAGGCAGACCATCAGCCTCTGGCCACTGTACACTCCCTGTCAAAGAA
 GCAGCTGAGGAGCGGCTCGGGACTTTGGAGAGAAGTAACTCGTCTGCGGGAACCTATGGGGGAGCTGC
 AGCGGCGGAAGGCAGCCTTGAAGGTGTCTCAAGGACCTTCAGGCAAGGTATAAAGCAGTTCTCCAGGA
 GTATGGGCATGAGGAGCGCAGGGTCCAGGATGAGCTGGCTCGCTCTCGGAAGTTCTCACAGGCTCTTTG
 GCTGAAGTTGAGAAGTCCAATAGTCAAGTGGTAGAGGAGCAGAGTTACCTGCTTAACATTGCAGAGGTGC
 AGGCTGTGTCTCGCTGTGACTACTTCTGGCCAAGATCAAGCAGGCAGATGTAGCACTACTGGAGGAGAC
 AGCTGATGAGGAGGAGCCAGAGCTCACTGCCAGCTTGCCTCGGGAGCTCACCTGCAAGATGTGGAGCTC
 CTTAAGGTAGGTCATGTTGGCCCCCTCAAATTGGACAAGCTGTTAAGAAGCCCCGGACAGTTAACCTGG
 AAGATTCTGGGCCATGGAGGCCACAGCGTCTGCTGCCTACCTCTGTTACTTTTAGAGAGATGGACAT
 GAGCCCCGAGGAAGTGGTTGCCAGCCCTAGGGCCTCACCTGCTAAACAGCGGGTCTGAGGCAGCCTCC
 AATATCCAGCAGTGCCTCTTCTCAAGAAGATGGGGCCAAAGGCAGCACTCCAGGAATGTTCAATCTTC
 CAGTCAGTCTCTACGTGACCAGTCAAGGTGAAGTACTAGTGCCTGACCGTGGTAACTATCGTATACAAG
 CTTTACCCGCAAAGGCTTTTTGAAGGAAATCCGCCGAGCCCAAGTGGCATTGATAGCTTTGTGCTAAGC
 TTCTTGGGGCAGATCTACCCAACCTCACTCTCTCTCAGTGGCAATGAACTGCCAGGGGCTGATTGGTG
 TGACTGACAGCTATGATAACTCCCTCAAGGTATATACCTTGGATGGCCACTGCGTGGCCTGTACAGGAG
 CCAGCTGAGCAAACCATGGGGTATCACAGCCTTGCATCTGGCCAGTTTGTAGTAACCGATGTGGAAGGT
 GGAAAGCTTTGGTGTTCACAGTTGATCGAGGATCAGGGGTGGTCAAATACAGCTGCCTATGTAGTGCTG
 TGCGGCCCAAATTTGTCACCTGTGATGCTGAGGGCACCGTCTACTTACCCAGGGCTTAGGCCTCAATCT
 GGAGAATCGGCAGAAATGAGCACCACTGGAGGGTGGCTTTCCATTGGCTCTGTAGGCCCTGATGGGCAG
 CTGGGTCGCCAGATTAGCCACTTCTTCTCGGAGAATGAGGATTTCCGCTGCATTGCTGGCATGTGTGTGG
 ATGCTCGTGGTATCTCATCGTGGCTGACAGTAGTCGAAAGGAAATTCCTCATTTCCTAAGGGTGGGGG
 CTATAGTGTCTTATTCCGAGAGGACTTACCTGTCCGGTGGGCATAGCCCTAACTCCTAAGGGGCAGCTG
 CTGGTCTTGGACTGTTGGGATCATTGCATCAAGATCTACAGCTACCATCTGAGAAGATATCCACCCCA

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG201289 representing NM_012210
 Red=Cloning site Green=Tags(s)

MAAAAASHLNLDALREVLECPICMESFTEEQLRPKLLHCGHTICRQCLEKLLASSINGVRCPFCSKITRI
 TSLTQLTDNLTVLKIIDTAGLSEAVGLLMCRSCGRRLPRQFCRSCGLVLCPCREADHQPPGHCTLPVKE
 AAEERRRDFGEKLTRELMEGLQRRKAALQVSKDLQARYKAVLQYEGHEERRVQDELARSRKFFTGSL
 AEVEKSNQVVEEQSYLLNIAEVQAVSRCDYFLAKIKQADVALLEETADEEPELTASLPRELTLDQVEL
 LKVGHVGLPLQIGQAVKPRPTVNVEDSWAMEATASAASVTFREMDMSPEEVVASPRSPAKQRPPEAAS
 NIQQCLFLKMGAKGSTPGMFLPVSLYVTSQGEVLVADRGNRYIQVFTRKGFLEIRRSPSGIDSFVLS
 FLGADLPNLTPLSVAMNCQGLIGVTDSYDNLKYYTLDGHCVACHRSQLSKPWGITALPSQGFVVTDVEG
 GKLCWFTVDRSGVVKYSCLCSAVRPFVTCDAEGTVYFTQGLNLENRQNEHHEGGFSIGSVGPDGQ
 LGRQISHFFSENEFRCIAGMCDVARGDLIVADSSRKEILHFPKGGGYSVLIREGLTCPVGIATLTPKGQL
 LVLDCWDHCIKIYSYHLRRYSTP

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: NM_012210

ORF Size: 1959 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_012210.4](#)

RefSeq Size: 3160 bp

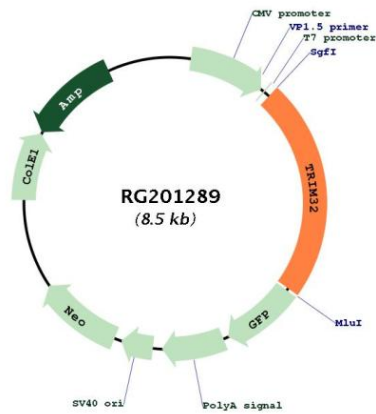
RefSeq ORF: 1962 bp

Locus ID: 22954

UniProt ID: [Q13049](#)

Cytogenetics: 9q33.1
Domains: zf-B_box, NHL, RING
Protein Families: Transcription Factors
Protein Pathways: Ubiquitin mediated proteolysis
Gene Summary: The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic bodies. The protein has also been localized to the nucleus, where it interacts with the activation domain of the HIV-1 Tat protein. The Tat protein activates transcription of HIV-1 genes. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG201289