

Product datasheet for **RG228363**

Tripartite motif containing protein 77 (TRIM77) (NM_001146162) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Tripartite motif containing protein 77
Synonyms:	TRIM77P
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG228363 representing NM_001146162
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTTCTGCTATCACGCAGTGTCTACCACTGAGCTCACCTGCTCGATCTGCACAGACTATTTGACAG
 ACCCTGTCACCATTTGTTGTGGGCACAGATTTTGTAGTCCCTGTCTCTGCCTCTTGTGGGAAGATACACT
 AACTCCTAATTGCTGCCCTGTGTGCAGGGAATATCACAGCAATGTAATCAAACGCATTATTTTGTCT
 GAGAAACAAGTTATTCCTACAAGAGAATCAGTCCCCTGCCAGTTATCAAGCTCTGCCATGCTGATCTGTA
 GGAGACACCAAGGAATCAAGAACCTCATCTGTGAACTGATAGGAGCCTGCTGTGTTTTCTATGCTCTCA
 ATCCCCAAGGCATGCTACTCACAACACTATATGACAAGGGAGGCTGATGAATACTATAGGAAGAACTC
 CTGATTCAAATGAAGTCCATCTGGAACAAAAACAGAAAAATCAAAGAAATCTAAACAGAGAGACCAACA
 TAATCGGAACATGGGAAGTTTTATAAATTTGCGGAGCATGATGATCAGTGCTGAATATCCTAAGGTGTG
 TCAATACCTCCGTGAAGAAGAGCAAAAGCACGTAGAGAGCCTGGCAAGAGAAGGCAGGATAATTTTTCAG
 CAACTCAAGAGAAGTCAAAGTGAATGGCTAAGATGGGTATACTCTGAGAGAAATGTATGAGAACTGA
 AGGAAATGAGCTGTAAAGCAGATGTGAACCTGCCTCAGGATTTGGGAGACGTAATGAAAAGGAATGAGTT
 TCTGAGGCTGGCCATGCCTCAGCCTGTGAACCCACAGCTCAGTGCATGGACCATCACTGGGGTGTGAGAA
 AGGCTTAACCTCTTCAGAGTGTATACACCTGGATCGTAAGATATGCAGTAATCACAAGCTTCTGTTTCG
 AAGACCTAAGGCATTTGCAGTGCAGCCTTGATGATACAGACATGCTCTGAATCCAACAAGTACACAGTA
 TACTTCTTCATGGGAGCTCAGATCCTCAGCTCTGGCAACATTACTGGGAGGTGGATGTGAAAGACTCT
 TGTAATTGGGTTATAGGACTTTGCAGAGAAGCCTGGACAAAGAGGAATGACATGCGACTTGACTCTGAGG
 GTATCTTTCTACTCTGTGTCTCAAAGTGATGACCATTTCAGTCTCTTCTCTACCTCCCCACTGTTACC
 TCACTATATTCCAAGGCCCAAGGCTGGCTAGGGGTGTTCTGGATTATGAATGTGGGATAGTGAGCTTT
 GTTAATGTTGCCAAAGTTCCCTCATTTGTAGTTTCTCTCACGCATCTTCTATTTTCTCTCAGACCTT
 TCATTTGCCACGGATCTAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

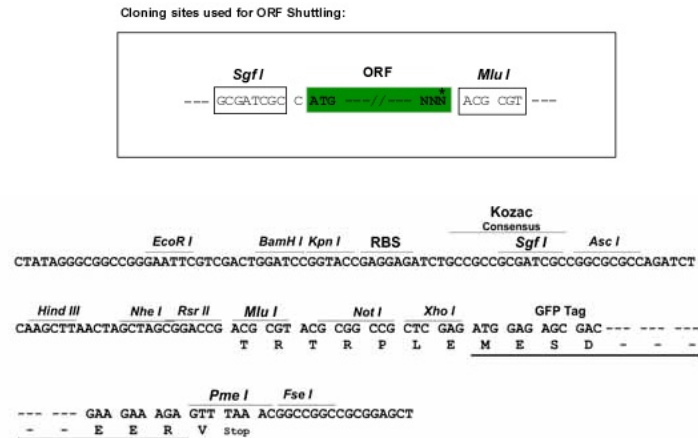
Protein Sequence: >RG228363 representing NM_001146162
 Red=Cloning site Green=Tags(s)

MASAITQCSTSELTCSICTDYLTDPVTICCGHRFCSPCLCLLWEDTLTPNCCPVCREISQQMYFKRIIFA
 EKQVIPTRESVPCQLSSAMLCRRHQEIKNLICETDRSLLCFLCSQSPRHATHKHYMTREADEYYRKKL
 LIQKMSIWKKKQKNQRLNRETNIIIGTWEVFINLRSMMSAEYPKVCQYLREEEQKHVESLAREGRIIFQ
 QLKRSQTRMAKMIGILLREMYEKLKEMSCKADVNLQDLGDVMDKRNFLRLAMPQPVNPQLSAWTITGVSE
 RLNFFRVYITLDRKICSNHKLFLFEDLRHLQCSLDDTDMSCNPTSTQYTSSWGAQILSSGKHVWEVDKDS
 CNWVIGLCREAWTKRNDMRLDSEGIFLLCLKVDHDFSLFSTSPLLPHYIPRPQGWLGVLFDYECGIVSF
 VNVAQSSILCSFLSRIFYFLRPFIHGSK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001146162

ORF Size: 1350 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:

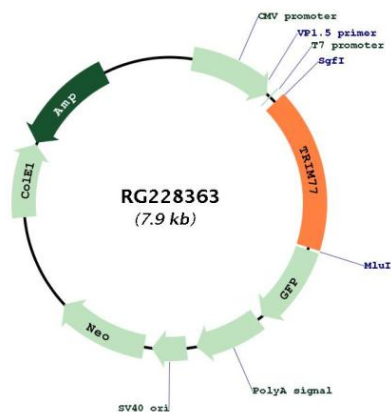
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_001146162.1](#), [NP_001139634.1](#)

RefSeq Size: 1353 bp
 RefSeq ORF: 1353 bp
 Locus ID: 390231
 UniProt ID: [IYAP6](#)
 Cytogenetics: 11q14.3

Product images:



Circular map for RG228363