

Product datasheet for **RG218521**

TRIM47 (NM_033452) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM47 (NM_033452) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIM47
Synonyms:	GOA; RNF100
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG218521 representing NM_033452
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGACGGCAGTGGACCTTCAGCTGCCCCATCTGCCTAGAGCCACTCCGGGAGCCGGTGACGCTGCCCT
 GCGGCCACAACCTTCTGTCTCGCCTGCCTGGGCGCGCTCTGGCCGATCGTGGCGCGAGTGGAGCCGCGG
 ACCCGGAGGCGCGGCCGCTGCCGCTGTGCCAGGAGCCCTCCCGACGGCCTTCAGCTCCGCAAGAAC
 CACACGCTGTCCGAGCTGCTGCAGCTCCGCCAGGGCTCGGGCCCCGGTCCGGCCCCGGCCCGGCCCTG
 CCCTGGCCCCGGAGCCCTCGGCACCCAGCGCGCTGCCAGTGTCCCGAGCCGTCGGCCCCCTGCCTCC
 CGAGCCGTGGCCCGGGCGAAGAGCCAGTGCCTGCGACGCGTGCCCGAGGGCGCGGCCCTGCCCGCC
 GCGCTGTCTGCTCTCCTGCCTCGCTCCTTTGCCCGCGCACCTGGGCCGACAGAGCGAGCCCCG
 CCCTCCGCGGACACCGCTGGTCCCGCGCTGCGCCGGCTAGAGGAGAGCCTGTGCCCGCCACCTACG
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 GGCCACGAGCTGGTGGCCTGGAGCAGGAGCGCGCTTCAGGAGGCTGAGCAGTCCAAAGTCTGAGCG
 CCGTGGAGGACCGCATGGACGAGCTGGGTGCTGGCATTGCACAGTCCAGGCGCACAGTGGCCCTCATCAA
 GAGTGCAGCCGTAGCAGAGCGGGAGAGGGTGAGCCGGCTGTTGCAGATGCTGCGGCCGCCCTGCAGGGC
 TTCCAGACCCAGGTGCTGGGCTTCATCGAGGAGGGGAAGCTGCCATGCTAGGCCGCTCCAGGGTGACC
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 GACTATTTCTCAAGTTTGCCTATATTGTGGATTGGACAGCGACACAGCAGACAAGTTCCTGCAGCTGT
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 GCCGAACGCCCACTCTGCTGCCTGCAGTGAATGGACGAGCTTCTCCGTCTGGTTTCATGGGCTGGA
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 TTCTATGTGTACGGGACGGCAAGATGAGCCTCCTGCGGAGGCTGAAGGCTCCCGCCCCCGCGGGGTG
 GCATCCCGGCTCCCCATTGACCCCTCCAGAGCCGCTGGACAGTCACTTTGCGGGGCTTTCACCCA
 CAGACTCAAGCCTGCCTTCTCTGGAGAGTGTGGACGCCCACTTGCAGATCGGGCCCCCAAGAAGTCC
 TGCATATCCGTGCTGAAGAGGAGG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

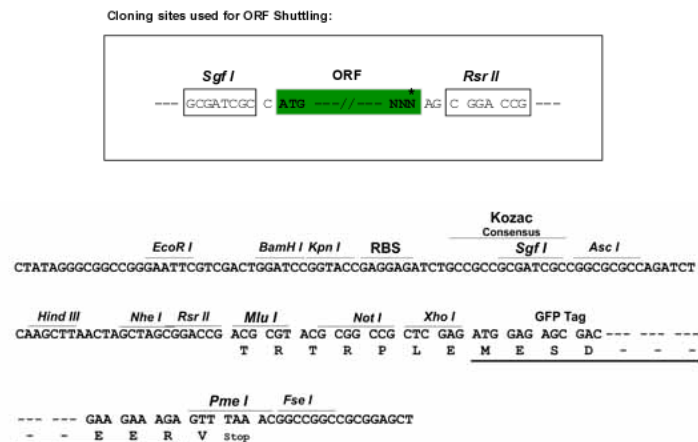
>RG218521 representing NM_033452
 Red=Cloning site Green=Tags(s)

MDGSGPFSCPICLEPLREPVTLPCHNFCALCLALWPHRGASGAGGPGGAARCPQCPEFPDGLQLRKN
 HTLSELLQLRQSGPGSGPGPAPALAPEPSAPSALPSVPEPSAPCAPEWPAGEEPPVRCDACPEGAALPA
 ALSCLSLASFCAHLGPHERSPALRGHRLVPPLRRLLEESLCPRHLRPLERYCRAERVCLCEACAAQEH
 GHLEVPLEQERALEAEQSKVLAVEDRMDLGAGIAQSRRTVALIKSAVAERERVSRLEFADAAAALQG
 FQTQVLGFIEEGEAAMLGRSQDLRRQEEQRSRLSRARQNLQVPEADSVSFLQELLALRLALEDGCGPG
 PGPPRELSTKSSQAVRAVRDMLAVACVNQWEQLRGPNGEDGPQKLDSEADAEPQDLESTNLLSEAPR
 DYFLKFAYIVDLDSDTADKFLQLFGTKGVKRVLCPINYPLSPTRFTHCEQVLGEGALDRGTYWVEIIE
 GWVSMGMAEDFSPQEPYDRGLGRNAHSCCLQWNGRSFVWFHGLEAPLPHFSPYVGVCLLEYADRALA
 FYAVRDGKMSLLRRLKASRRRGIPASPIDPFQSRLDLDFHGLFTHRLKPAFFLESVDAHLQIGPLKKS
 CISVLKRR

SGPTRTRRLE – GFP Tag – V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_033452

ORF Size: 1914 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_033452.3](#)

RefSeq Size: 2268 bp

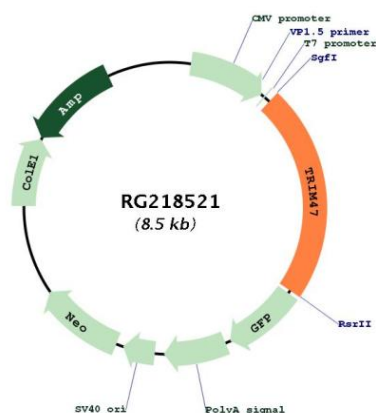
RefSeq ORF: 1917 bp

Locus ID: 91107

UniProt ID: [Q96LD4](#)

Cytogenetics:	17q25.1
Protein Families:	Druggable Genome
Gene Summary:	E3 ubiquitin-protein ligase that mediates the ubiquitination and proteasomal degradation of CYLD.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG218521