

Product datasheet for **RG233909**

Tripartite motif containing protein 77 (TRIM77) (NM_001271942) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tripartite motif containing protein 77 (TRIM77) (NM_001271942) Human Tagged ORF Clone
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:	>RG233909 representing NM_001271942 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTCTGCTATCACGCAGTGTCTACCACTGAGCTCACCTGCTCGATCTGCACAGACTATTTGACAG
 ACCCTGTCACCATTTGTTGTGGGCACAGATTTGTAGTCCCTGTCTCGCCTCTTGTGGGAAGATACACT
 AACTCCTAATTGCTGCCCTGTGTGCAGGAAATATCACAGCAAATGACTTCAAACGCATTATTTTGTCT
 GAGAAACAAGTTATTCTACAAGAGAATCAGTCCCTGCCAGTTATCAAGCTCTGCCATGCTGATCTGTA
 GGAGACACCAGGAAATCAAGAACCTCATCTGTGAAACTGATAGGAGCCTGCTGTGTTTTCTATGCTCTCA
 ATCCCCAAGGCATGCTACTCACAAACACTATATGACAAGGAGGCTGATGAATACTATAGGAAGAACTC
 CTGATTCAAATGAAGTCCATCTGGAAAAAACAAGAAATCAAAGAAATCTAAACAGAGAGACCAACA
 TAATCGGAACATGGGAAGATTTGGGAGACGTAATGAAAAGGAATGAGTTTCTGAGGCTGGCCATGCCTCA
 GCCTGTGAACCCACAGCTCAGTGCATGGACCATCACTGGGGTGTGAGAAAGGCTTAACCTCTCAGAGTG
 TATATCACCTTGGATCGTAAGATATGCAGTAATCACAAGCTTCTGTTTGAAGACCTAAGGCATTTGCAGT
 GCAGCCTTGATGATACAGACATGCTCTGAATCCAACAAGTACACAGTATACTTCTCATGGGGAGCTCA
 GATCCTCAGCTCTGGCAAACATTACTGGGAGGTGGATGTGAAAGACTCTTGTAATTGGGTTATAGGACTT
 TGCAGAGAAGCCTGGACAAAGAGGAATGACATGCGACTTGACTCTGAGGGTATCTTTCTACTCCTGTGTC
 TCAAAGTGGATGACCATTTCAGTCTCTTCTCTACCTCCCACTGTTACCTCACTATATTCCAAGGCCCA
 AGGCTGGCTAGGGGTGTTCTGATTATGAATGTGGGATAGTGAGCTTTGTTAATGTTGCCCAAAGTTCC
 CTCATTTGTAGTTTCTCTCACGCATCTTCTATTTTCTCTCAGACCTTTCATTTGCCACGGATCTAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG233909 representing NM_001271942
 Red=Cloning site Green=Tags(s)

MASAITQCSTSELTCSICTDYLTDPTVICGHRFCSPCLCLLWEDLTPNCCPVCREISQQMYFKRIIFA
 EKQVIPTRESVPCQLSSSAMLICRRHQEIKNLICETDRSLLCFLCSQSPRHATHKHYMTREADEYYRKKL
 LIQMKSIWKKKQKNQRNLNRETNIIGTWEDLGDVMKRNEFLRLAMPQPVNPQLSAWITITGVSERLNFFRV
 YITLDRKICSNHKLLFEDLRHLQCSLDDTDMSCNPTSTQYTSSWGAQILSSGKHYWEVDVKDSCNWWIGL
 CREAATKRNDMRLDSEGIFFLLCLKVDDHFSLFSTSPLLPHYIPRPQGWLGVLFDYECGIVSFVNVAAQSS
 LICSFSLRIFYFPLRPFICHGSK

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001271942

ORF Size: 1119 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_001271942.1](#), [NP_001258871.1](#)

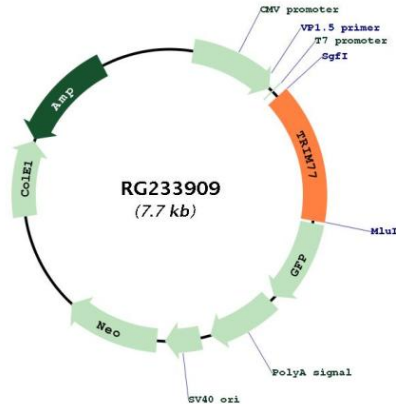
RefSeq Size: 1122 bp

RefSeq ORF: 1122 bp

Locus ID: 390231

Cytogenetics: 11q14.3

Product images:



Circular map for RG233909