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Product datasheet for RG201944

TRIM38 (NM_006355) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM38 (NM_006355) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIM38
Synonyms:	RNF15; RORET
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

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ORF Nucleotide Sequence:

>RG201944 representing NM_006355
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTCAACCACCAGCACCAAGAAGATGATGGAGGAAGCCACCTGCTCCATCTGCCTGAGCCTGATCA
CGAACCCAGTAAGCATCAACTGTGGACACAGCTACTGCCACTTGTGTATAACAGACTTCTTTAAAAACCC
AAGCCAAAAGCAACTGAGGCAGGAGACATTCTGCTGTCCCCAGTGTCGGGCTCCATTTCATATGGATAGC
CTCCGACCCAACAAGCAGCTGGGAAGCCTCATTGAAGCCCTCAAAGAGACGGATCAAGAAATGTCATGTG
AGGAACACGGAGAGCAGTTCCACCTGTTCTGCGAAGACGAGGGGCAGCTCATCTGCTGGCGCTGTGAGCG
GGCACCACAGCACAAAGGGCACACCACAGCTCTTGTTGAAGACGTATGCCAGGGCTACAAGGAAAAGCTC
CAGAAAGCTGTGACAAAACTGAAGCAACTTGAAGACAGATGTACGGAGCAGAAGCTGTCCACAGCAATGC
GAATAACTAAATGGAAAGAGAAGGTACAGATTCAGAGACAAAAAATCCGGTCTGACTTTAAGAATCTCCA
GTGTTTCCTACATGAGGAAGAGAAGTCTTATCTCTGGAGGCTGGAGAAAGAAGAACAACAGACTCTGAGT
AGACTGAGGGACTATGAGGCTGGTCTGGGGCTGAAGAGCAATGAACTCAAGAGCCACATCCTGGAACTGG
AGGAAAAATGTCAGGGCTCAGCCCAGAAATTGCTGCAGAATGTGAATGACACTTTGAGCAGGAGTTGGGC
TGTGAAGCTGGAAACATCAGAGGCTGTCTCCTTGGAACTTCATACTATGTGCAATGTTTCCAAGCTTTAC
TTCGATGTGAAGAAAATGTTAAGGAGTCATCAAGTTAGTGTGACTCTGGATCCAGATACAGCTCATCACG
AACTAATTCTCTCTGAGGATCGGAGACAAGTGACTCGTGGATACACCCAGGAGAATCAGGACACATCTTC
CAGGAGATTTACTGCCTTCCCCTGTGTCTTGGGTTGTGAAGGCTTCACCTCAGGAAGACGTTACTTTGAA
GTGGATGTTGGCGAAGGAACCGGATGGGATTTAGGAGTTTGTATGGAAAATGTGCAGAGGGGCACTGGCA
TGAAGCAAGAGCCTCAGTCTGGATTCTGGACCCTCAGGCTGTGCAAAAAGAAAGGCTATGTAGCACTTAC
TTCTCCCCCAACTTCCCTTCATCTGCATGAGCAGCCCCTGCTTGTGGGAATTTTTCTGGACTATGAGGCC
GGAGTTGTATCCTTTTATAACGGGAATACTGGCTGCCACATCTTTACTTTCCCGAAGGCTTCCTTCTCTG
ATACTCTCCGGCCCTATTTCCAGGTTTATCAATATTCTCCTTTGTTTCTGCCTCCCCCAGGTGAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG201944 representing NM_006355
Red=Cloning site Green=Tags(s)

MASTTSTKKMMEEATCSICLSLITNPVSINCGHSYCHLCITDFFKNPSQKQLRQETFCCPQCRAPFHMDS
LRPNKQLGSLIEALKETDQEMSCEEHGEQFHLFCEDEGQLICWRCERAPQHKGHTTALVEDVCQGYKEKL
QKAVTKLKQLEDRCTEQKLSTAMRITKWKEKVQIQRQKIRSDFKNLQCFLHEEEKSYLWRLEKEEQQTLS
RLRDYEAGLGLKSNELKSHILELEEKCQGSAQKLLQNVNDTLSRSWAVKLETSEAVSLELHTMCNVSKLY
FDVKKMLRSHQVSVTLDPDTAHHELILSEDRRQVTRGYTQENQDTSSRRFTAFPCVLGCEGFTSGRRYFE
VDVGEGTGWDLGVCMENVQRGTGMKQEPQSGFWTLRLCKKKGYVALTSPPTSLHLHEQPLLVGIFLDYEA
GVVSFYNGNTGCHIFTFPKASFSDTLRPYFQVYQYSPLFLPPPGD

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

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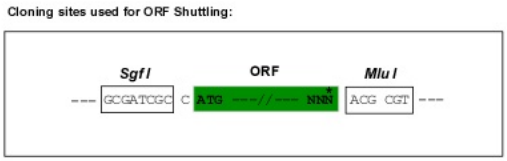
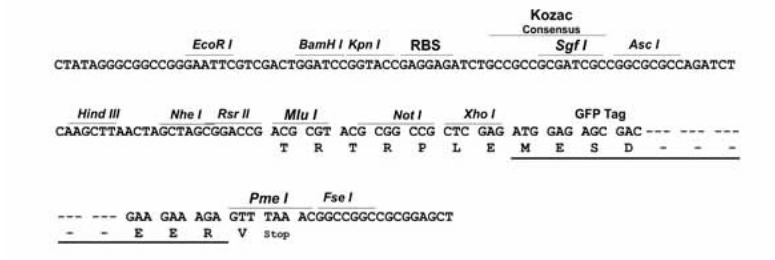
Cloning Scheme:





ACCN:	NM_006355
ORF Size:	1395 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_006355.2, NP_006346.1
RefSeq Size:	3286 bp
RefSeq ORF:	1398 bp
Locus ID:	10475
UniProt ID:	O00635
Cytogenetics:	6p22.2

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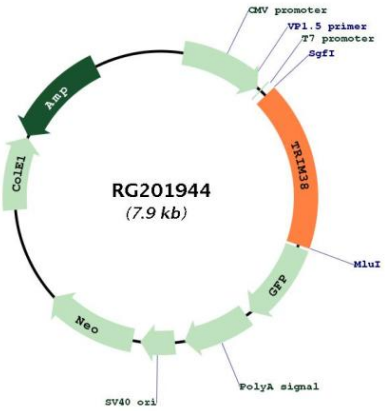
Domains: zf-B_box, RING, SPRY, PRY

Protein Families: Druggable Genome

Gene Summary: This gene encodes a member of the tripartite motif (TRIM) family. The encoded protein contains a RING-type zinc finger, B box-type zinc finger and SPRY domain. The function of this protein has not been identified. A pseudogene of this gene is located on the long arm of chromosome 4. [provided by RefSeq, Jul 2012]

Product images:



Circular map for RG201944

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