

Product datasheet for **RG218120**

TRIML1 (NM_178556) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	TRIML1
Synonyms:	RNF209
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RG218120 representing NM_178556
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCTACAGCAGATCTGATGGAGAACCTCAGGGAGGAACCTCACCTGTTTCATCTGCTTAGACTATTTCA
 GCAGCCCACTGACCACCGAGTGTGGGCACAGCTTTTGTCTGGTGTGTCTCCTCAGGAGCTGGGAGGAACA
 TAACACACCTTTATCTTGTCTGAGTGTGGAGGACCTTGGAGGGCCCGCATTTCCAGTCAAACGAGCGT
 CTGGGGAGGCTGGCCAGCATCGCCAGGCAGCTCCGGTCCCAGGTGCTGCAGAGCGAGGATGAGCAGGGCA
 GCTACGGGAGGATGCCCACTGCAAGGCGCTCTCCGATGATGAGCAGGGTGAAGCGCCTTCGTAGC
 CCAGAGCCATGGTGCAAAACAGAGTGCACTCTCCAGCGAGGCTGAGGAGCATCACAGAGAGAACTCCAG
 GAAATCCTGAATCTTTGCGTGAAGGAGAAAGGAAGCTCAGGCTGTACTAACCCTGAGAAGGAGAGAG
 TGAAATGTGCCAGGAAGAAACAAAGACTTGTAACAGGTTGTTGTGTCAGAATACATGAAAATGCACCA
 GTTCTGAAGGAAGAGGAGCAGCTGCAACTCCAGCTACTAGAACAGGAAGAGAAAGAGAACATGAGGAAG
 CTGAGGAACAATGAGATCAAATGACCCAGCAAAATCAGAAGCCTAAGCAAAATGATCGCACAGATTGAGT
 CCTCAAGTCAAAGCTCGGCTTTGCAATCTCTTGAGGAAGTGAAGGAGGAGCCCTGGAAAGGAGCGAGCCACT
 CTTGCTTCAGTGTCCAGAGGCCACCAACAGAGCTGAGTCTGTGCCGCATCACGGGAATGAAGGAGATG
 CTAAGAAAATTCAGCACGGAGATAACGCTGGACCCAGCCACAGCTAATGCCTATCTCGTGTGTGCGGAGG
 ATCTGAAGAGTGTGAAATATGGGGGAAGCAGACAGCAGCTACCCGACAACCCGAAAGATTTGACCAAGTC
 TGCGACTGTGCTGGTACTCAGATCTTACCAGTGGGAGACACTACTGGGAGGTGGAGGTGGGAAACAAG
 ACCGAGTGGGAAGTGGGCATCTGCAAGGACTCTGTGAGCAGAAAGGGGAATCTCCCAAGCCACCTGGGG
 ACCTGTTCTACTAATAGGTTTAAAAATCGGAGATGATTACAGCCTCTGGGTCTCGTCACCTTTGAAAGG
 TCAGCAGCTCAGAGAGCCTGTGTGTAAGGTTGGTGTCTTCTGGACTATGAATCTGGACATATAGCATT
 TACAACGGGACGGATGAATCCCTCATCTACAGCTTCCCGCAGGCTTCTTTCAAGAGGCCCTCAGGCCTA
 TCTTTTCCCTCGCTCCCAATGAGGGGACAAACACAGACCCTCTCACCATCTGCTCACTGAACAGCCA
 CGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG218120 representing NM_178556
 Red=Cloning site Green=Tags(s)

MSTADLMENLREELTCFICLDYFSSPVTTECGHSFCLVCLLRSWEEHNTPLSCPECWRTLEGPHFQSNER
 LGRLASIARQLRSQVLQSEDEQGSYGRMPTTAKALSDDEQGSFAVAQSHGANRVHLSSEAEHHREKLQ
 EILNLLRVRKEAQAVLTHEKERVKLCQEETKTCKQVVVSEYMKMHQFLKEEEQLQLLLEQEEKENMRK
 LRNNEIKLTQQIRSLSKMIAQIESSSQSSAFESLEEVRGALERSEPLLLQCPEATTTTELSLCRITGMKEM
 LRKFSTEITLDPATANAYLVLSIDLKSVKYGGSRQQLPDNPERFDQSATVLGTQIFTSGRHYWEVEVGNK
 TEWEVGICKDSVSRKGNLPPKPGDLFSLIGLIGDDYSLWVSSPLKGQHVREPVCKVGVFLDYESGHIAF
 YNGTDESLIYSFPQASFQEALRPIFSPCLPNEGNTNDPLTICSLNSHV

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_178556

ORF Size: 1404 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_178556.3](#), [NP_848651.2](#)

RefSeq Size: 1645 bp

RefSeq ORF: 1407 bp

Locus ID: 339976

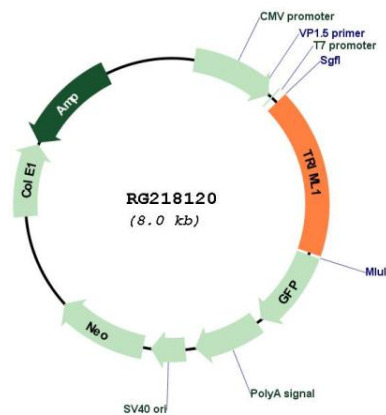
UniProt ID: [Q8N9V2](#)

Cytogenetics: 4q35.2

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene is a tripartite motif family protein with similarities to E3 ubiquitin-protein ligases. While the function of the encoded protein has not been determined, the orthologous protein in mouse has been shown to bind ubiquitin-specific protease 5 and is involved in the blastocyst development stage. [provided by RefSeq, Sep 2016]

Product images:



Circular map for RG218120