

## Product datasheet for **RG208642**

### TNFRSF19L (RELT) (NM\_152222) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TNFRSF19L (RELT) (NM_152222) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TNFRSF19L
Synonyms:	A13C; TNFRSF19L; TRLT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208642 representing NM_152222 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGCCAAGTCTGCTGTGCCGGCCCTGTCCTGCTTCCTTATGCTGCTGCCCTGGCCTCTCGCCACC  
TGACATCAACAACCCTTTGGCAGTGGCCACCTGGGGAGGAGCCGACCTGGACCCAGGGCAGGGCACATT  
ATGCAGGCCCTGCCCCCAGGCACCTTCTCAGCTGCATGGGGCTCCAGCCATGCCAGCCCCATGCCCGT  
TGCAGCCTTTGGAGGAGCTGGAGGCCAGGTGGGCATGGCAACTCGAGATACACTCTGTGGAGACTGCT  
GGCCTGGGTGGTTGGCCCTGGGGGTTCGCCGCTTCATGTCAACCATGTTCTGGGCACCTCTGGG  
TACTCATGGCTGTGATGAGTGGGGCGGGCCGACCTGGCGTGGAGGTGGCAGCAGGGCCAGCAGC  
GGTGGTGAACACGGCAGCCTGGGAACGGCACCCGGGCAGGTGGCCAGAGGAGACAGCCGCCAGTACG  
CGGTATCGCCATCGTCCTGTCTTCTGCCTCATGGGGCTGTTGGGCATCCTGGTGTGCAACCTCCTCAA  
GCGGAAGGGTACCCTGACCGGCACAAAGGAGGTGGGGCCGGCCCTGGAGGTGGAGGCAGTGGAAATC  
AACCTGCCTACCGACTGAGGATGCCAATGAGGACACCATGGGGTCTGGTGCCTTGATCACAGAGA  
AGAAAGAGAATGCTGCGGCCCTGGAGGAGCTGTGAAAGAGTACCACAGCAAACAGCTGGTGCAGACGAG  
CCACAGGCCTGTGTCCAAGCTGCCGCCAGCGCCCCGAACGTGCCACACATCTGCCCGCACCGCCACCAT  
CTCCACACCGTGCAGGGCCTGGCCTCGTCTTGCCCTGCTGCTCCCGTGTAGCCAGAAGAAGTGGC  
CCGAGGTGCTGCTGTCCCTGAGGCTGTAGCCGCACTACTCTGTTCCAGCCTTCTGCCTAACCCGAC  
CAGGGTCCCAAGGTGCGGGCCAAGGCAGGGCGTCAGGGCGAGATCACCATCTTGTCTGTGGCAGGTTT  
CGCGTGGCTCGAATTCCTGAGCAGCGGACAAGTCAATGGTGTCTGAGGTGAAGACCATCACGGAGGCTG  
GGCCCTCGTGGGGTATCTCCCTGACTCCCCACAGCCTGGCCTCCCCCTGAGCAGCAGGCCCTGCTAGG  
AAGTGGCGGAAGCCGTACAAAGTGGCTGAAGCCCCAGCAGAGAACAAGCCGAGGAGAACCCCTATGTG  
GTCCGGCTAAGTGAAGCAACCTGGTCATC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG208642 representing NM\_152222  
Red=Cloning site Green=Tags(s)

MKPSLLCRPLSCFLMLLPWPLATLTSTTLWQCPPGEEPDLDPGQGTLCRPCPPGTFFSAAWGSSPCQPHAR  
 CSLWRRLEAQVGMATRDTL CGDCWPGWFGPWGVPVPCQPCSWAPLGTHGCDEWGRRRARRGVEVAAGASS  
 GGETRQPGNGTRAGGPEETAQYAVIAI VPFVCLMGLLGILVCNLLKRRKYHCTAHKEVGPGGGGSGI  
 NPAYRTEDANEDTIGVLVRLITEKKENAAALEELLKEYHSKQLVQTSRHPVSKLPPAPPNPVPHICPHRHH  
 LHTVQGLASLSGPCCSRCSQKKWPEVLLSPEAVAATTPVPSLLPNPTRVPKVGAKAGRQGEITILSVGRF  
 RVARIPEQRTSSMVSEVKITITEAGPSWGDL PDSQPGLPPEQQALLGSGGSRTKWLKPPAENKAEENRYV  
 VRLSESNLVI

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_152222

**ORF Size:** 1290 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\\_152222.1](#), [NP\\_689408.1](#)

**RefSeq Size:** 3458 bp

**RefSeq ORF:** 1293 bp

**Locus ID:** 84957

**UniProt ID:** [Q969Z4](#)

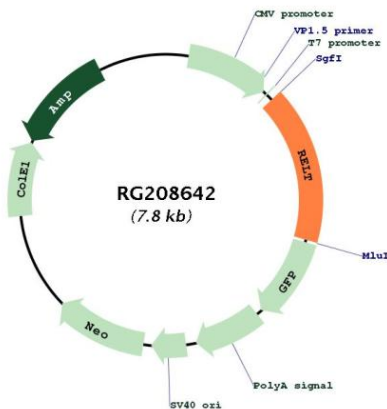
**Cytogenetics:** 11q13.4

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Cytokine-cytokine receptor interaction

**Gene Summary:** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is especially abundant in hematologic tissues. It has been shown to activate the NF-kappaB pathway and selectively bind TNF receptor-associated factor 1 (TRAF1). This receptor is capable of stimulating T-cell proliferation in the presence of CD3 signaling, which suggests its regulatory role in immune response. Two alternatively spliced transcript variants of this gene encoding the same protein have been reported. [provided by RefSeq, Jul 2008]

## Product images:



Circular map for RG208642