

Product datasheet for **RG221786**

TNFRSF19L (RELT) (NM_032871) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TNFRSF19L (RELT) (NM_032871) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: RELT
Synonyms: AI3C; TNFRSF19L; TRLT
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG221786 representing NM_032871
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCCAAGTCTGCTGTGCCGGCCCTGTCCTGCTTCCTTATGCTGCTGCCCTGGCCTCTCGCCACC
TGACATCAACAACCCTTTGGCAGTGCCACCTGGGGAGGAGCCGACCTGGACCCAGGGCAGGGCACATT
ATGCAGGCCCTGCCCCCAGGCACCTTCTCAGCTGCATGGGGCTCCAGCCATGCCAGCCCCATGCCCGT
TGCAGCCTTTGGAGGAGCTGGAGGCCAGGTGGGCATGGCAACTCGAGATACACTCTGTGGAGACTGCT
GGCCTGGGTGGTTGGGCCTTGGGGGTTCCTCCGCTTCCATGTCAACCATGTTCTGGGCACCTCTGGG
TACTCATGGCTGTGATGAGTGGGGCGGGCCGACCTGGCGTGGAGGTGGCAGCAGGGCCAGCAGC
GGTGGTGAGACACGGCAGCCTGGGAACGGCACCCGGGCAGGTGGCCAGAGGAGACAGCCGCCAGTACG
CGGTATCGCCATCGTCCTGTCTTCTGCCTCATGGGGCTGTTGGGCATCCTGGTGTGCAACCTCCTCAA
GCGGAAGGGTACCCTGACCGGCACAAAGGAGGTGGGGCCGGCCCTGGAGGTGGAGGAGTGGGAATC
AACCTGCCTACCGACTGAGGATGCCAATGAGGACACCATGGGGTCTGGTGCCTTGATCACAGAGA
AGAAAGAGAATGCTGCGGCCCTGGAGGAGCTGTGAAAGAGTACCACAGCAAACAGCTGGTGCAGACGAG
CCACAGGCCTGTGTCCAAGCTGCCGCCAGCGCCCCGAACGTGCCACACATCTGCCCGCACCGCCACCAT
CTCCACACCGTGCAGGGCCTGGCCTCGTCTCTGGCCCTGCTGCTCCCGTGTAGCCAGAAGAAGTGGC
CCGAGGTGCTGCTGTCCCCTGAGGCTGTAGCCGCACTACTCTGTTCCAGCCTTCTGCCTAACCCGAC
CAGGGTCCCAAGCCGGGGCCAAGGCAGGGCGTCAGGGCGAGATCACCATCTTGTCTGTGGCAGGTTT
CGCGTGGCTCGAATTCCTGAGCAGCGGACAAGTTCAATGGTGTCTGAGGTGAAGACCATCACGGAGGCTG
GGCCCTCGTGGGGTATCTCCCTGACTCCCCACAGCCTGGCCTCCCCCTGAGCAGCAGGCCCTGCTAGG
AAGTGGCGGAAGCCGTACAAAGTGGCTGAAGCCCCAGCAGAGAACAAGCCGAGGAGAACCCTATGTG
GTCCGGCTAAGTGAGAGCAACCTGGTCATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG221786 representing NM_032871
 Red=Cloning site Green=Tags(s)

MKPSLLCRPLSCFLMLLPWPLATLTSTTLWQCPPGEEPDLDPGQGTLCRPCPPGTFSAAWGSSPCQPHAR
 CSLWRRLEAQVGMATRDTL CGDCWPGWFGPWGVPVPCQPCSWAPLGTHGCDEWGRARRRGGVEVAAGASS
 GGETRQPGNGTRAGGPEETAQYAVIAI VPFVCLMGLLGILVCNLLKRRKYHCTAHKEVGPGGGGSGI
 NPAYRTEDANEDTIGVLVRLITEKKENAAALEELLKEYHSKQLVQTSHRPVSKLPPAPPNVPHICPHRHH
 LHTVQGLASLSGPCCSRCSQKKWPEVLLSPEAVAATTPVPSLLPNPTRVPKAGAKAGRQGEITILSVGRF
 RVARIPEQRTSSMVSEVKITITEAGPSWGDLPDSPQGLPPEQQALLGSGGSRTKWLKPPAENKAEENRYV
 VRLSESNLVI

TRTRPLE - GFP Tag - V

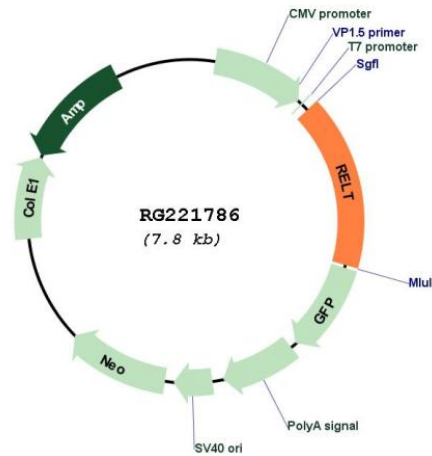
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_032871

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:	<ol style="list-style-type: none">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_032871.3 , NP_116260.2
RefSeq Size:	3520 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]