

Product datasheet for SC101023

TNFRSF19L (RELT) (NM_152222) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | TNFRSF19L (RELT) (NM_152222) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | TNFRSF19L |
| Synonyms: | A13C; TNFRSF19L; TRLT |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC101023 sequence for NM_152222 edited (data generated by NextGen Sequencing) |

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ATGAAGCCAAGTCTGCTGTGCCGCCCTGTCCCTGCTTCCTTATGCTGCTGCCCTGGCCT
CTCGCCACCCTGACATCAACAACCTTTGGCAGTGCCACCTGGGGAGGAGCCCGACCTG
GACCCAGGGCAGGGCACATTATGCAGGCCCTGCCCCAGGCACCTTCTCAGCTGCATGG
GGCTCCAGCCCATGCCAGCCCATGCCCGTTGCAGCCTTTGGAGGAGGCTGGAGGCCAG
GTGGGCATGGCAACTCGAGATACACTCTGTGGAGACTGCTGGCCTGGGTGGTTGGGCC
TGGGGGGTTCCCCGCGTCCATGTCAACCATGTTCTGGGCACCTCTGGTACTCATGGC
TGTGATGAGTGGGGCGGGCCGACGTGGCGTGGAGGTGGCAGCAGGGGCCAGCAGC
GGTGGTGAGACACGGCAGCCTGGGAACGGCACCCGGGCAGGTGGCCAGAGGAGACAGCC
GCCAGTACGCGGTTCATGCCATCGTCCCTGTCTTCTGCCTCATGGGGCTGTTGGGCATC
CTGGTGTGCAACCTCCTCAAGCGGAAGGGCTACCACTGCACGGCCACAAGGAGGTGGG
CCCGGCCCTGGAGGTGGAGGCAGTGAATCAACCTGCCTACCGACTGAGGATGCCAAT
GAGGACACCATTGGGGTCTGGTGCCTTGATCACAGAGAAGAAAGAGAAATGCTGCGGCC
CTGGAGGAGTGTGAAAGAGTACCACAGCAAACAGCTGGTGCAGACGAGCCACAGGCC
GTGTCCAAGTGGCCAGCGCCCCGAACGTGCCACACATCTGCCCGCACCCGCCACCAT
CTCCACACCGTGCAGGGCCTGGCCTCGCTCTGGCCCCCTGCTGCTCCCGCTGTAGCCAG
AAGAAGTGGCCCCGAGGTGCTGCTGCCCTGAGGCTGTAGCCGCCACTACTCTGTTCCC
AGCCTTCTGCCTAACCCGACCAGGGTTCCCAAGGCCGGGGCCAAGGCAGGGCGTCAAGGC
GAGATACCATCTTGTCTGTGGGCAGGTTCCGCGTGGCTCGAATTCTGAGCAGCGGACA
AGTTCAATGGTGTCTGAGGTGAAGACCATCACGGAGGCTGGGCCCTCGTGGGGTATCTC
CCTGACTCCCCACAGCCTGGCCTCCCCCTGAGCAGCAGGCCCTGCTAGGAAGTGGCGGA
AGCCGTACAAAGTGGCTGAAGCCCCAGCAGAGAACAAGGCCGAGGAGAACCCTATGTG
GTCCGGCTAAGTGAGAGCAACCTGGTCATCTGA

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Clone variation with respect to NM_152222.1



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| 5' Read Nucleotide Sequence: | >OriGene 5' read for NM_152222 unedited NCCTGTCAGGAATTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGCTGAGGA TGAAGCCAAGTCTGCTGTGCCGGCCCTGTCTGCTTCCTTATGCTGCTGCCCTGGCCTC TCGCCACCCTGACATCAACAACCCTTTGGCAGTGCCCACTGGGGAGGAGCCCGACTGG ACCCAGGGCAGGGCACATTATGCAGGCCCTGCCCCCAGGCACCTTCTCAGCTGCATGGG GCTCCAGCCCATGCCAGCCCATGCCCGTTGCAGCCTTTGGAGGAGGCTGGAGGCCCAGG TGGGCATGGCAACTCGAGATACACTCTGTGGAGACTGCTGGCCTGGGTGGTTTGGGCCT GGGGGTTCCCGCGTTCATGTCAACCATGTTCTGGGCACTCTGGGACTCATGGCT GTGATGAGTGGGGCGCGGGCCGACGTGGCGTGGAGGTGGCAGCAGGGCCAGCAGCG GTGGTGAGACACGGCAGCCTGGGAACGGCACCCGGCAGGTGGCCAGAGGAGACAGCCG CCCAGTACGCGGTATCGCCATCGTCCCTGTCTTCTGCCTCATGGNGGCTGTTGGGCATC CTGGTGTGCAACCTCCTCAAGCGGAAGGGCTACCACTGCACGGCGCACAAAGGAGTCCG GCCCGCCCTGGAGGTGGANGCAGTGAATCAACCCTGCCTACCGGACTGAGGATGCCAA TGAGGACACACTTNGNNTCCTGGNTGCGCTTGATCACAGAGAAGAAAGAGAATGCTGCG GCCCTGGNAGAGCTGCTNGAAAGATACCACAGCAACAGCTGGTGCAGACGACACAGGNC CTGTGTNCAAGCTGCCGNCAGCGCCCCCGACGTGCACACATNTGCCCGNACCGNCACAT CTCACACCGTGGCAGG |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_152222 |
| Insert Size: | 2500 bp |
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP). |
| 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_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]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants encode the same protein.