

Specifications:

Gene:	<i>m</i> Relt
Accession:	NP_796047
Insert size:	1324bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

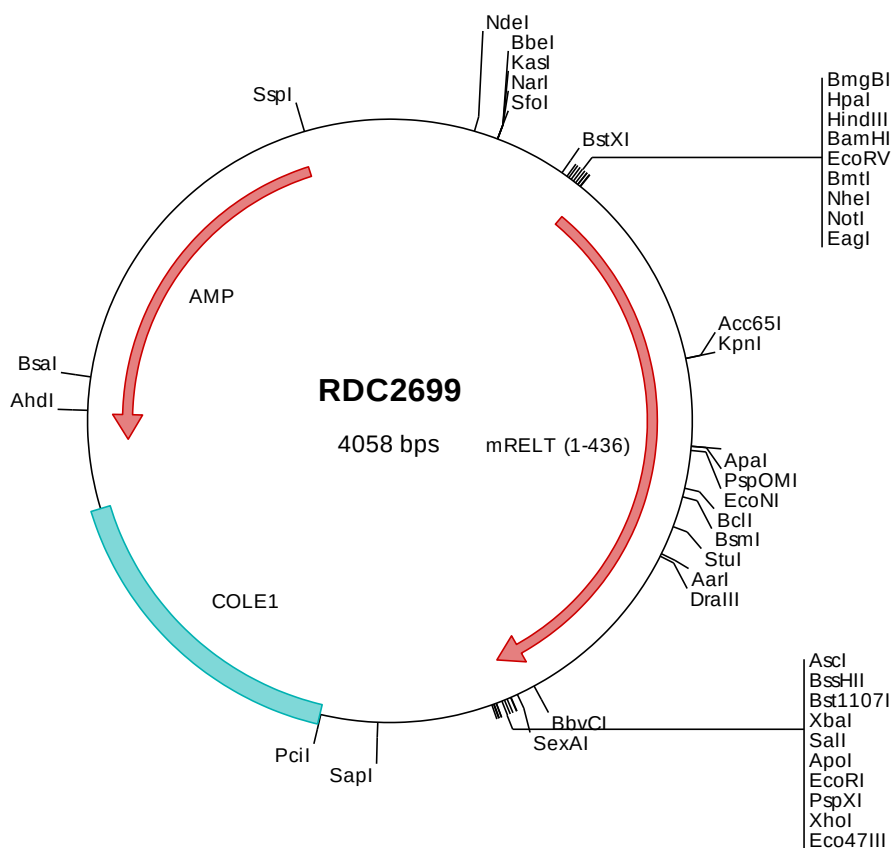
*m*RELT/TNFRSF19L cDNA Plasmid

Relt RELT tumor necrosis factor receptor [*Mus musculus* (house mouse)]

Also known as: Tnfrsf19l;
E430021K24Rik

Summary:

RELT is a type I transmembrane glycoprotein belonging to the TNF-receptor superfamily. It is primarily expressed in hematopoietic tissues and peripheral blood leukocytes. It has been shown to activate the NF-kappaB pathway and selectively bind TNF receptor-associated factor 1 (TRAF1). RELT is capable of stimulating T-cell proliferation in the presence of CD3 signaling, which suggests its regulatory role in immune response.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2699 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tgggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggaatgtctg caaggcgatt aagttgggta acgccagggt tttcccgatc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaaccgata tcgctagcgc ggccgcaccc atgtcactcc agggcctgat gatgaagcgg accttgctgt gctggccctt
501  gtcttgccctc tttgtgtgtgc tgcctctggcc tctggccact ccaacaccaa taactccttg cctgtgtcca cctggcaaa agcctgaccc agatccagga
601  cagggcaccat tatgcagaac ttgcccccca ggaacctttt cagcctcatg gaactcctat ccatgccago ctcattaccc atgcagcctt caaaaggagg
701  ttgaggcccca ggctggcaca gcaactcatt atacaatgtg tggagactgc cagcatgggt ggtttgggccc acagggaagt cctcatgttc cgtgtcagcc
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901  cctcggcagc ccgggaatgg cactcgggca ggcggtctct aggagacggc tgcccagtat gcagtgtatt ccctcgttcc tgtcttttgt ctcattgggg
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1301 atcacaccca cctgcacact gtgcagggcc tggcctcact ctctggcccc tgttgcctcc gttgtagcca gaagtggcca gaggctgtgc tgtctcctga
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1701 gaacaaagct gaggagaacc gctatgttgt ccggctaagt gaaagcaaac tggctcatota aaggcgccgc agtatactct agagtgcaca cccggggaat
1801  tccctgagcg ctgctctcta gcttgccgta atcatggtca tagctgtttc ctgtgtgaaa ttgttatccg ctcacaattc cacacaacat acgagccgga
1901  agcataaagt ctaaaagctg ggtgtcctaa tgagtgcata aactcacatt aattgcgttg cgtcactgc ccgctttcca gtcgggaaac ctgtctgtgc
2001  agctgcatta atgaatcgcc caacgcgcgg ggagagcgcg tttgcgtatt cggcgctctt ccgcttctcc gctcactgac tcgctgcgct cgtctgttgc
2101  gctgcggcga cgggtatcag ctactcaaaa ggcgtaata cggttatcca cagaatcagg ggataacga ggaagaacaa tgtgagcaaa aggccagcaa
2201  aagcccgagg accgtaaaaa ggcgcggttt tccataggtc ccgccccctc ctcagcgcac acaaaaaatcg acgctcaagt acgctcaagt cagaggtggc
2301  gaaacccgac aggaactata agataccagg cgtttccccc ttggaagctcc ctctgtcgct ctccgtgtcc gacctgccc ctaccggat acctgtccgc
2401  ctttctccct tcgggaagcg tgcgcgtttc tcaatgtcca cgtctgagtt atctcagttc ggtgtaggtc gttcgtccca acttggtgtg caagcagcaa
2501  ccccccgctt agcccagacc gtcgccttta tccgtaact atcgtatact gtcccaacccg gtaagacacg acttatcgcc actggcagca gccactggta
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2701  tctgtcgaag ccagttacct tcggaaaaag agttggtagc tcttgatccg gcaaacaaac caccgctggt agcgggtggt acggttggtt tttttgttgc caagcagcag
2801  attacgcgca gaaaaaaagg atctcaagaa gatcctttga tctttttctac ggggtctgac gctcagtgga acgaaaaact acgttaaggg atttttgtca
2901  tgagattatc aaaaaggatc ttacactaga tctttttaa ttaaaaatga agttttaaat caatctaaag tatatatgag taaacttggt ctgacagtta
3001  ccaatgctta atcagtgagg caccatcttc agcgtatctg ctatttcggt catccatagt tgctgactc cccgtcgtgt agataactac gatacgggag
3101  ggcctaccat ctggccccag tgtgtcaatg ataccgcgag acccacgctc acccggtcca gatttatcag caataaaaca gccagccgga agggccgagc
3201  gcagaagtgg tcttgcaact ttatccgcct ccatccagtc tattaattgt ttccgggaag cttagagtaa tagttcgcca gtttaagtt tgcgcaacgt
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3601  ttgcccggcg tcaatacggg ataataccgc gccacatagc agaactttaa aagtgtctat cattggaaaa cgttcttcgg ggcaaaaaat ctaaggatc
3701  ttaccgctgt tgagatccag ttcatgttaa cccactcgtg caccacactg atcttcagca tcttttactt tcaccagcgt tctgtgggtg gcaaaaaacag
3801  gaaggcaaaa tgccgcaaaa aaggggaataa gggcgacacg gaaatgttga atactcatac tcttctcttt tcaatattat tgaagcattt atcagggtta
3901  ttgtctcatg agcggataca tatttgaatg tatttagaaa aataaacaata taggggttcc gcgcacattt ccccgaaaag tgccacctga cgtctaagaa
4001  accattatta tcatgacatt aacctataaa aataggcgta tcacgaggcc ctttcgtc

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> RDC2699 Translated Insert Sequence

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1   mslqglmmkr tllcwplscf fvllpwplat ptpitpwlcp pgkcpdpdpq ggtlortcpp gtfsaswnsy pcqphyrcl qkrleaqagt athdtmcgdc
101  qhgwfgpqgv phvpcqpcsk appstggcde sgrgrgrgve vaagtssnge prqpngntra ggpeetaaqy aviaivpvfc lmglilgvc nllkrkygyc
201  taqkevgspp gggsgsinpa yrtdanedt igvlvrlite kkenaaalee llkeyhskql vqtshrpvpr llpaspsiph icphhhhlht vqglaslsgp
301  ccsrcsqkwp evllspeaaa attpaptllp tasrapkasa kprgrgeiti lsvgrfrvar ipeqrtssll sevktiteag psegdlpdsp qgllppeqra
401  llsgsgshsk wlkppaenka eenryvvrls esnlvi

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