

Specifications:

Gene:	hTNFRSF10C
Accession:	NP_003832
Insert size:	793bp
Concentration:	10µg at 0.2µg/µL

hTRAIL R3/ TNFRSF10C cDNA Plasmid

TNFRSF10C tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain [*Homo sapiens* (human)]

Also known as: LIT; DCR1; TRID; CD263; TRAILR3; TRAIL-R3; DCR1-TNFR

Summary:

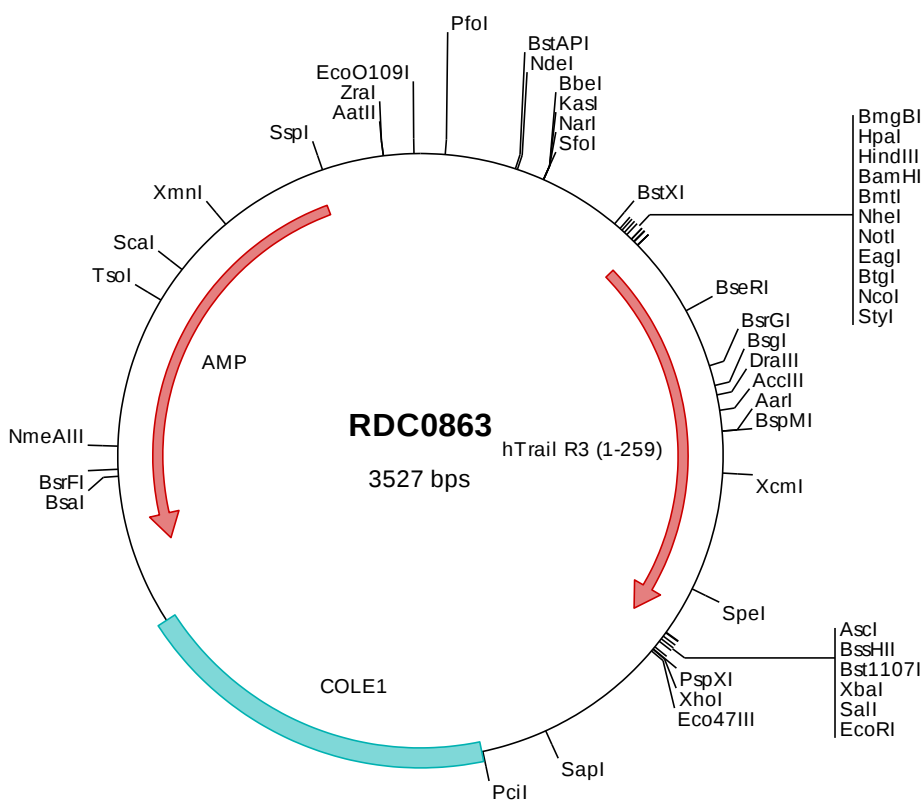
TNFRSF10C is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain and hence is not capable of inducing apoptosis. TNFRSF10 is thought to function as an antagonistic receptor that protects cells from TRAIL-induced apoptosis by competing with TRAIL-R1 and R2 for binding to the ligand. This receptor is expressed in many normal tissues but not in most cancer cell lines.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0863 Plasmid DNA Sequence

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1   tcgcgcggttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
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201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcggggc tcttcgctat
301  tacgccagctt ggcgaagggt ggaatgtctg caaggcgatt aagtttggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaaccgata tcgctagcgc ggccgcacac atggctcgaa tccccaaagac cctaaagttc gtctgtctca tctgtcgggt
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601  gaggagtgtc cagcaggatc tcatagatca gaacatactg gagcctgtaa cccgtgcaca gagggtgtgg attacacca cgttccaac aatgaacctt
701  cttgtctccc atgtacagtt tgtaaatcag atcaaaaaa taaaagttcc tgcaccatga ccagagacac agtgtgtcag tgtaaagaag gcaccttccg
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1401  gagtgagcta actcacatta attgcgttgc gctcactgcc cgttttccag tcgggaaacc tgtcgtgcca gctgcattaa tgaatcggcc aacgcgcggg
1501  gagagggcgtt ttgcgtattg ggcgctcttc cgttctctcg ctactgact cgtgcgctc ggctgttcgg ctgcggcgag ccgtatcagc tcaactcaaag
1601  gcggtaatatc ggttatccac agaatacagg gataacgcag gaaagaacat gtgagcaaaa ggccagcaaa aggccaggaa ccgtaaaaag gccgcgttgc
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2201  gttggtagct cttgatccgg caaacaacc accgctggta gcggtggttt tttgttttgc aagcagcaga ttacgcgcag aaaaaaagga tctcaagaag
2301  atcctttgat cttttctacg ggtctgacg ctcaagtggaa cgaaaactca cgttaaggga ttttggtcat gagattatca aaaaggatct tcacctagat
2401  ccttttaaat taaaaatgaa gttttaaatc aatctaagt atatatgagt aaacttggtc tgacagttac caatgcttaa tcagttaggc acctatctca
2501  gcgatctgtc tatttcgttc atccatagtt gcctgactcc ccgtcgtgta gataactacg atacgggagg gcttaccatc tggccccagt gctgcaatga
2601  taccgcgaga cccacgctca ccggctccag atttatcagc aataaaccag ccagccggaa gggccgagcg cagaagtggg cctgcaactt tatccgcctc
2701  catccagctc attaattggt gccgggaagc tagagtaagt agttcgccag ttaatatgtt gcgcaacgtt gttgccattg ctacaggcat cgtggtgtca
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2901  gtcctccgat cgttgtcaga agtaagttgg ccgagtggt atcactcatg gttatggcag cactgcataa ttctcttact gtcatgccat ccgtaagatg
3001  cttttctgtg actggtgagt actcaaccaa gtcaattctga gaatagtgtg tgcggcgacc gagttgctct tgcccggcgt caatacggga taataccgcg
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3201  ccaactgtgc acccaactga tcttcagcat cttttacttt caccagcgtt tctgggtgag caaaaacagg aaggcaaaat gccgcaaaaa agggaataag
3301  ggcgacacgg aaatgttgaa tactcatact cttctctttt caatattatt gaagcattta tcagggttat tgtctcatga gcggatacat atttgaatg
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> RDC0863 Translated Insert Sequence

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101  ctmtrdrtvcg ckegtfrnen spemorkcsr cpsgevqvsn ctswddiqcv eefganatve tpaaeetmnt spgtpapaae etmntspgtp apaaeetmtt
201  spgtpapaae etmntspgtp apaaeetmtt spgtpasshy lctivgiiv livllivfv
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