

Specifications:

Gene:	hTNFRSF10D
Accession:	NP_003831
Insert size:	1174bp
Concentration:	10µg at 0.2µg/µL

hTRAILR4 cDNA Plasmid

TNFRSF10D tumor necrosis factor receptor superfamily member 10d [*Homo sapiens* (human)]

Also known as: DCR2; CD264; TRUNDD; TRAILR4; TRAIL-R4

Summary:

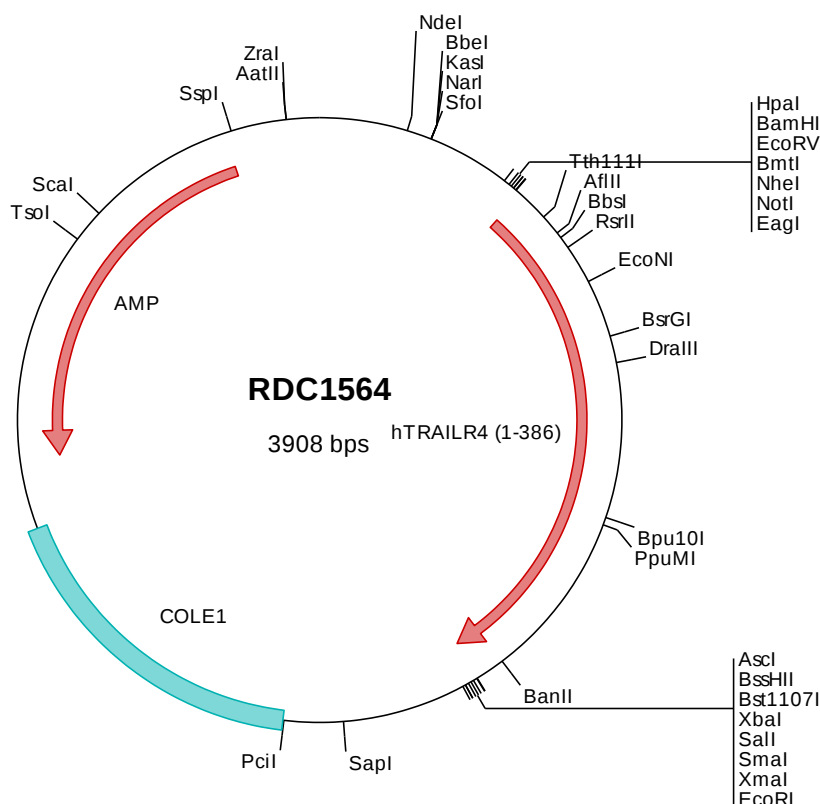
TRAIL R4 is a member of the TNF-receptor superfamily. TRAIL R4 is unique among the TRAIL receptors in that its cytoplasmic domain contains a truncated consensus death domain motif. Binding of TRAIL R4 does not result in an apoptotic signal. Overexpression of TRAIL R4 can protect cells bearing TRAIL R1 and/or TRAIL R2 from TRAIL-mediated apoptosis.

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.



> RDC1564 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcacgcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagctt ggcgaaaagg ggatgtgtct caaggcgatt aagttgggta acgccagggt tttcccgatc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggcgcgcacc atgggaacttt ggggacaaag cgtcccgacc gctcgagcg ctcgagcagg
501  gcgctatcca ggagccagga cagcgtcggt aaccagacca tggctcctgg accccaagat ccttaagtto gtcgtcttca tctgctcggt tctgctgccc
601  gtccgggttg actctgccac catcccccg caggacgaag ttccccagca gacagtggcc ccacagcaac agaggcgag cctcaaggag gaggagtgtc
701  cagcaggatc tcatagatca gaataactg gagcctgtaa cccgtgcaca gagggtgtgg attacacat tgcttccaac aatttgctt cttgctgct
801  atgtacagtt tgtaaatcag gtcaaaacaa taaaagtctc tgtaccagca ccagagacac cgtgtgtcag tgtgaaaaag gaagcttcca ggataaaaa
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2001 cagaatcagg ggataacgca ggaagaaca tgttagcaaa agccagcaa aagccagga accgtaaaaa ggccgcgttg ctggcgtttt tccataggtc
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> RDC1564 Translated Insert Sequence

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101  egvdytiasn nlpscllctv cksqgtnkss ctttrdtvcg cekgsfqdkn spemcrtcrt gcprgmvkvs nctprsdiko knesaasstg ktpaaeetvt
201  tilgmlaspy hylilivvlv iilavvvvfg scrkkfisyl kgicsggggg pervhrvlfr rrscpsrvpg aednarnetl snrylqptqv sequeiqggel
301  aeltgtvtel peepgrlleq aeaegcrrrr llvpvndads adistlldas atleeghake tiqdqlvgse klfyeedeag satscl

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