

Specifications:

Gene:	rTNFRSF1B
Accession:	NP_569110
Insert size:	1437bp
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.

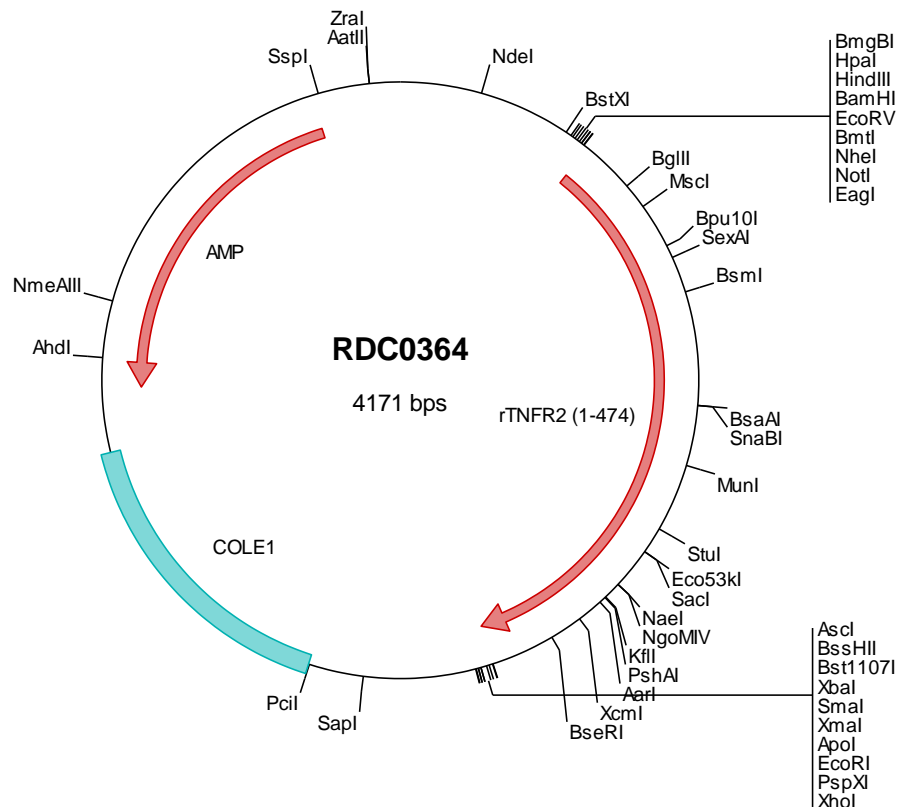
rTNFR2/TNFRSF1B cDNA Plasmid

Tnfrsf1b tumor necrosis factor receptor superfamily, member 1b [*Rattus norvegicus*]

Also known as: Tnfr2

Summary:

TNFR2 is a member of the TNF receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. TNFR2 mediates brain uptake of tumor necrosis factor (TNF)-alpha from the circulation.





> RDC0364 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tetggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
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4101 tgacgtctaa gaaaccatta ttaatgatgac attaacctat aaaaataggc gtatcacgag gccctttcgt c

> RDC0364 Translated Insert Sequence

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201 vcasesptps avprtliyvsq peptrsqpmd qepggsqtpi ipvslgstpi iepstggis lpiqlivgl tlgllmlgla ncfilvqrkk kpsclqretm
301 vphlpdkdq daigleqqlh lttapsssss slessasgd rrapngghpq arvtaeagqs qeacagrsrs dsshgshgth vnvctivnvc sssdhssqcs
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