

Specifications:

Gene:	rTNFRSF1A
Accession:	NP_037223
Insert size:	1398bp
Concentration:	10µg at 0.2µg/µL

rTNFR1/TNFRSF1A cDNA Plasmid

Tnfrsf1a tumor necrosis factor receptor superfamily, member 1a [*Rattus norvegicus*]

Also known as: Tnfr1; MGC105478

Summary:

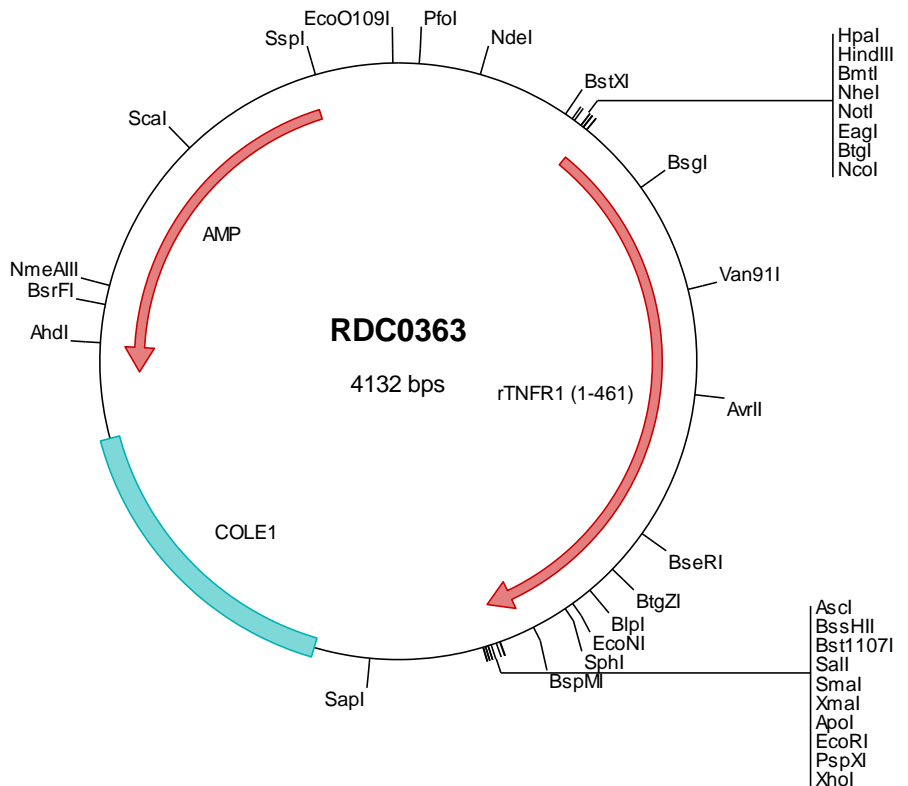
TNFR1 is a member of the TNF receptor superfamily. This protein is one of the major receptors for the tumor necrosis factor-alpha. It can activate NF-kappaB, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with TNFR1, and thus play regulatory roles in the signal transduction mediated by the receptor. TNFR1 may play a role in TNF-alpha mediated inflammatory response to spinal cord injury.

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.





> RDC0363 Plasmid DNA Sequence

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> RDC0363 Translated Insert Sequence

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