

Specifications:

Gene:	rTnfsf10
Accession:	NP_663714.2
Insert size:	889bp
Concentration:	10µg at 0.2µg/µL

**rTRAIL/TNFSF10
cDNA Plasmid**

Tnfsf10 TNF superfamily member 10 [*Rattus norvegicus* (Norway rat)]

Also known as: Trail; Tnlg6a

Summary:

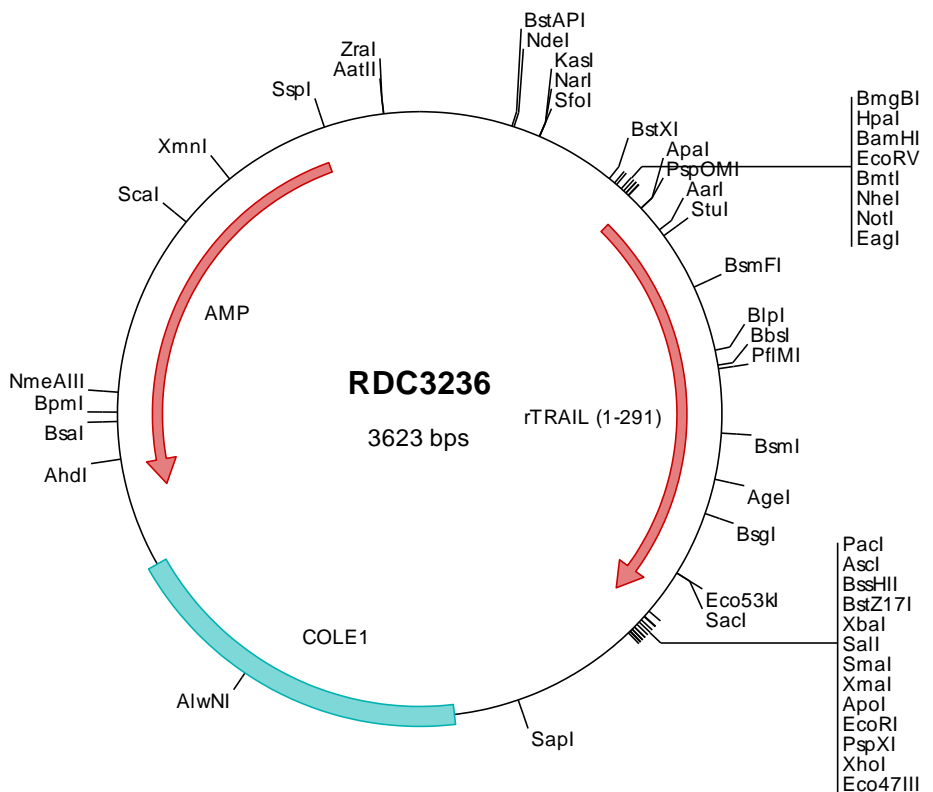
TRAIL is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. TRAIL-based therapy in neutropenic hosts may represent a novel antibacterial treatment option. TRAIL is a potent stimulus for pulmonary vascular remodeling in human cells and rodent models. The binding of TRAIL to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3.

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.



> RDC3236 Plasmid DNA Sequence

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> RDC3236 Translated Insert Sequence

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