

Specifications:

Gene:	<i>rTnfsf4</i>
Accession:	NP_446004
Insert size:	613bp
Concentration:	10µg at 0.2µg/µL

***rOX40L*/TNFSF4 cDNA Plasmid**

Tnfsf4 tumor necrosis factor
(ligand) superfamily, member 4 [
Rattus norvegicus (Norway rat)]

Also known as: 0x401

Summary:

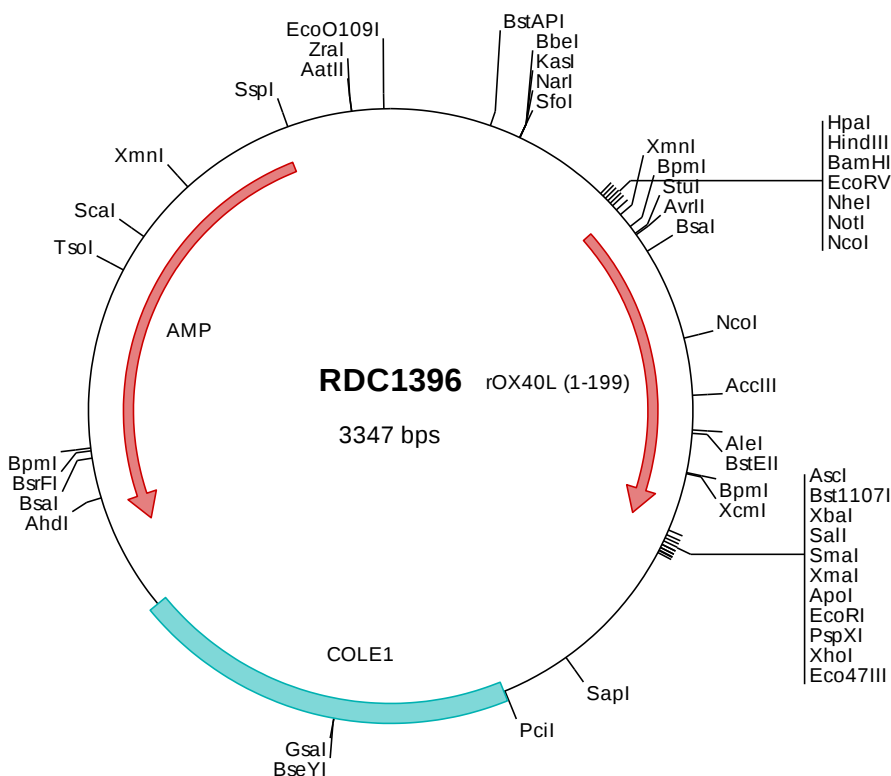
OX40L is a cytokine of the tumor necrosis factor (TNF) ligand family. It is expressed on the surface of activated B cells, T cells, dendritic cells and endothelial cells. OX40L binds to OX40 (CD134), a member of the TNF receptor superfamily that is expressed predominantly on activated CD4⁺ T cells. OX40L functions in T cell antigen-presenting cell (APC) interactions and mediates adhesion of activated T cells to endothelial cells.

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

> RDC1396 Plasmid DNA Sequence

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1  tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC1396 Translated Insert Sequence

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