

Specifications:

Gene:	rCd70
Accession:	NP_001100348.1
Insert size:	601bp
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

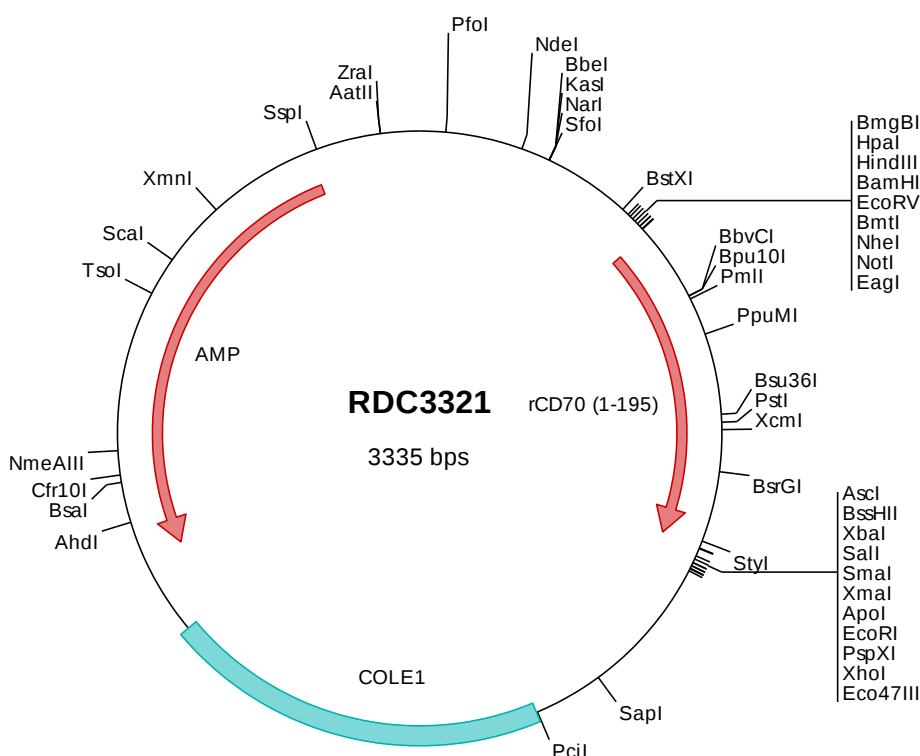
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

rCD27 Ligand/TNFSF7 cDNA Plasmid

Cd70 Cd70 molecule [*Rattus norvegicus* (Norway rat)]

Summary:

CD70/CD27L is a member of the tumor necrosis factor (TNF) ligand family. It is a type II transmembrane protein expressed by activated T and B cells. It binds to CD27 on mature T cells and a subset of thymocytes. CD70 induces the proliferation of costimulated T cells and enhances the generation of cytolytic T cells. CD70 may also play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3321 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC3321 Translated Insert Sequence

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