

Specifications:

Gene:	hCD70
Accession:	NP_001243
Insert size:	595bp
Concentration:	10µg at 0.2µg/µL

hCD27 Ligand cDNA Plasmid

CD70 CD70 molecule [*Homo sapiens* (human)]

Also known as: CD27L; CD27LG; TNFSF7

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.

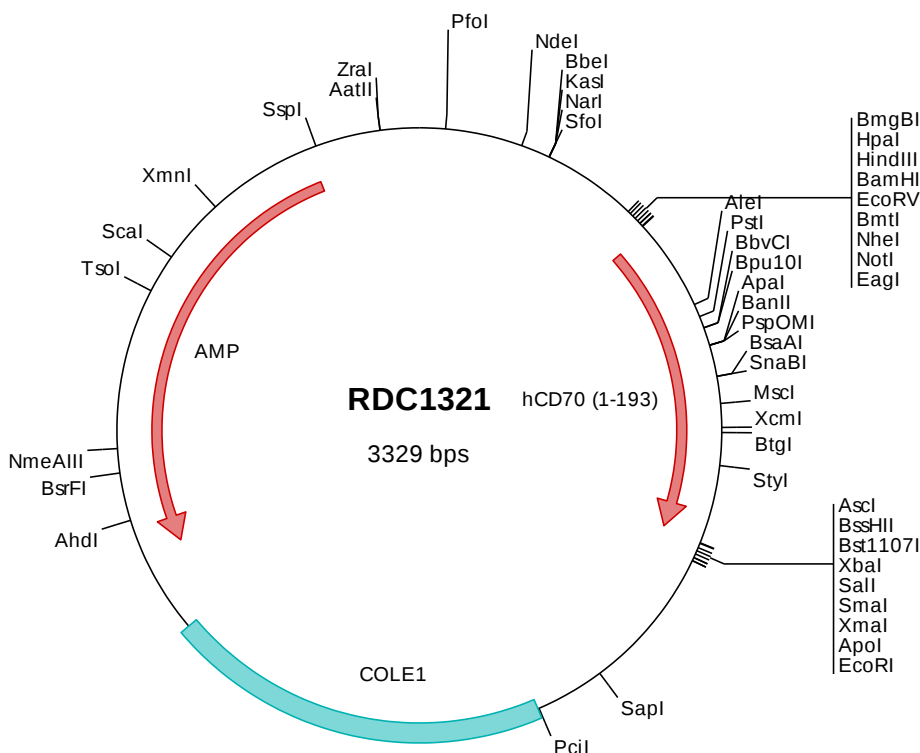
CD70 may also play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.

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.



> RDC1321 Plasmid DNA Sequence

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1  tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1321 Translated Insert Sequence

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