

Specifications:

Gene:	pCD274
Accession:	NP_001020392
Insert size:	877bp
Concentration:	10µg at 0.2µg/µL

**pPD-L1/B7-H1 cDNA
Plasmid**

CD274 CD274 molecule [*Sus scrofa* (pig)]

Also known as: PDL1

Summary:

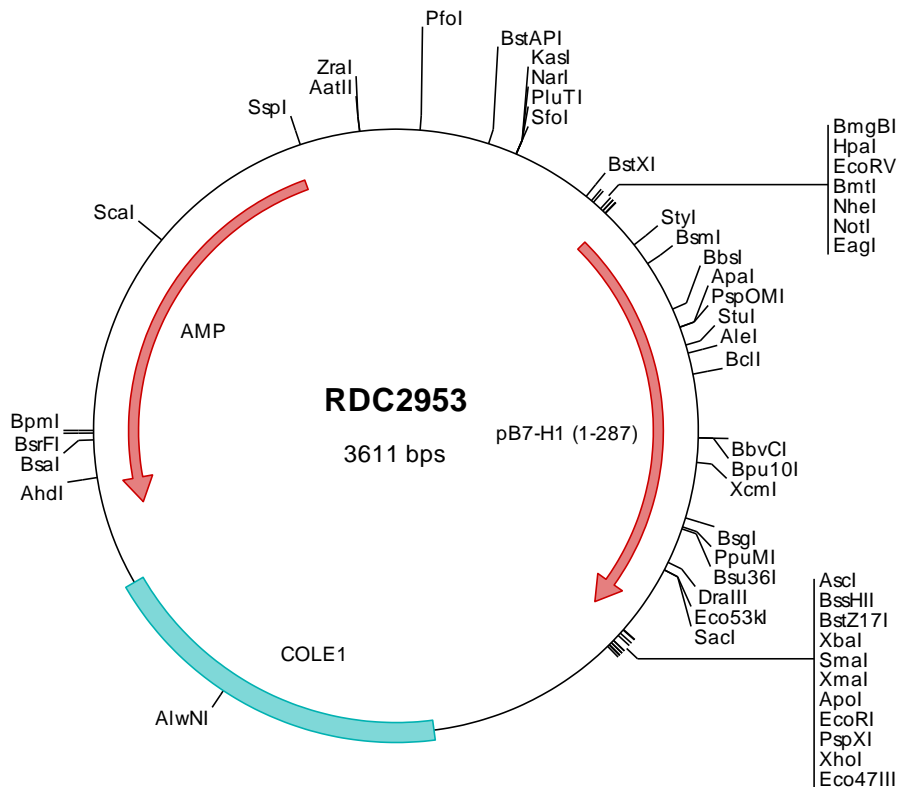
B7-H1 is a single-pass type I membrane protein that is highly expressed in the heart, thymus, skeletal muscle, and lung. B7-H1 expressed on corneal endothelial cells maintains long-term acceptance of corneal allografts by inducing apoptosis of effector T-cells within the cornea. B7-H1 may play an important role in TGF-β-induced Treg expansion of the lung cancer microenvironment.

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.



> RDC2953 Plasmid DNA Sequence

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1   tcgctgctgtt  cggatgatgac  ggtgaaaaacc  totgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccggggagca  gacaagcccg
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> RDC2953 Translated Insert Sequence

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