

Specifications:

Gene:	hSIRPB2
Accession:	NP_001116434
Insert size:	1042bp
Concentration:	10 μ g at 0.2 μ g/ μ L

hSIRP β 2 cDNA Plasmid

**SIRPB2 signal regulatory protein
beta 2 [*Homo sapiens* (human)]**

Also known as: PTPN1L;
PTPNS1L3; dJ776F14.2

Summary:

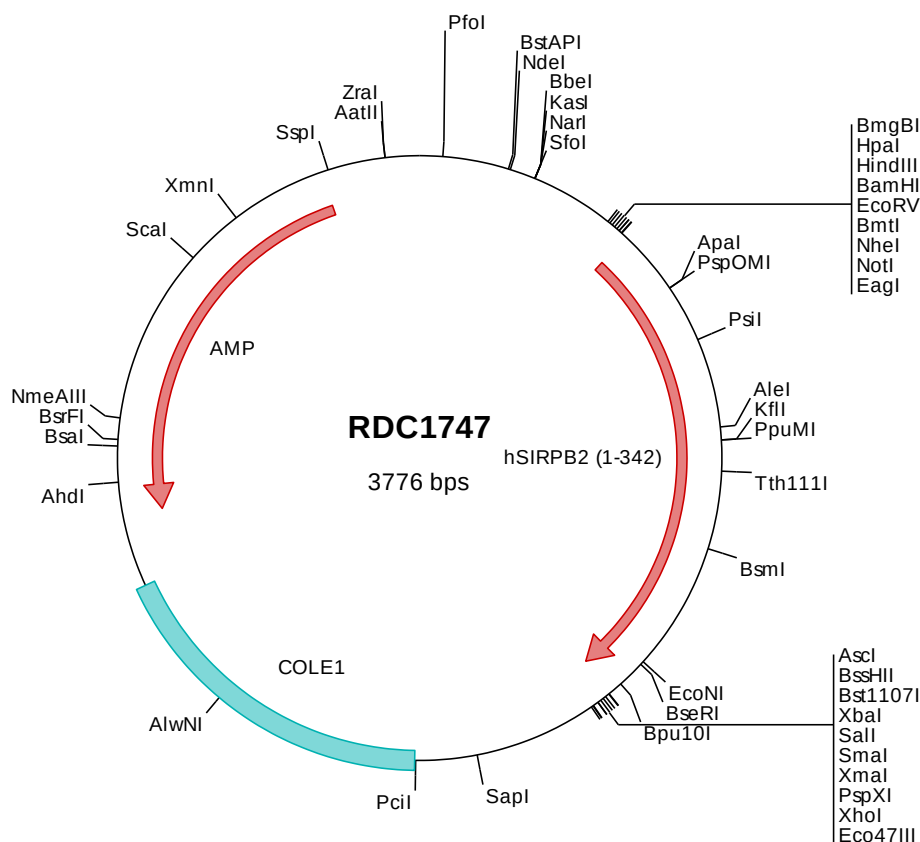
SIRPB2 is expressed on T cells and activated natural killer (NK) cells. It binds CD47 mediating cell-cell adhesion. Engagement of SIRPB2 on T cells by CD47 on antigen-presenting cells results in enhanced antigen-specific T-cell proliferation. Alternatively spliced transcripts encoding different proteins have been described.

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

> RDC1747 Plasmid DNA Sequence

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> RDC1747 Translated Insert Sequence

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