

Specifications:

Gene:	hLILRB2
Accession:	NP_005865
Insert size:	1810bp
Concentration:	10µg at 0.2µg/µL

**hLILRB2/CD85d/ILT4
cDNA Plasmid**

LILRB2 leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2 [*Homo sapiens* (human)]

Also known as: ILT4; LIR2; CD85D; ILT-4; LIR-2; MIR10; MIR-10

Summary:

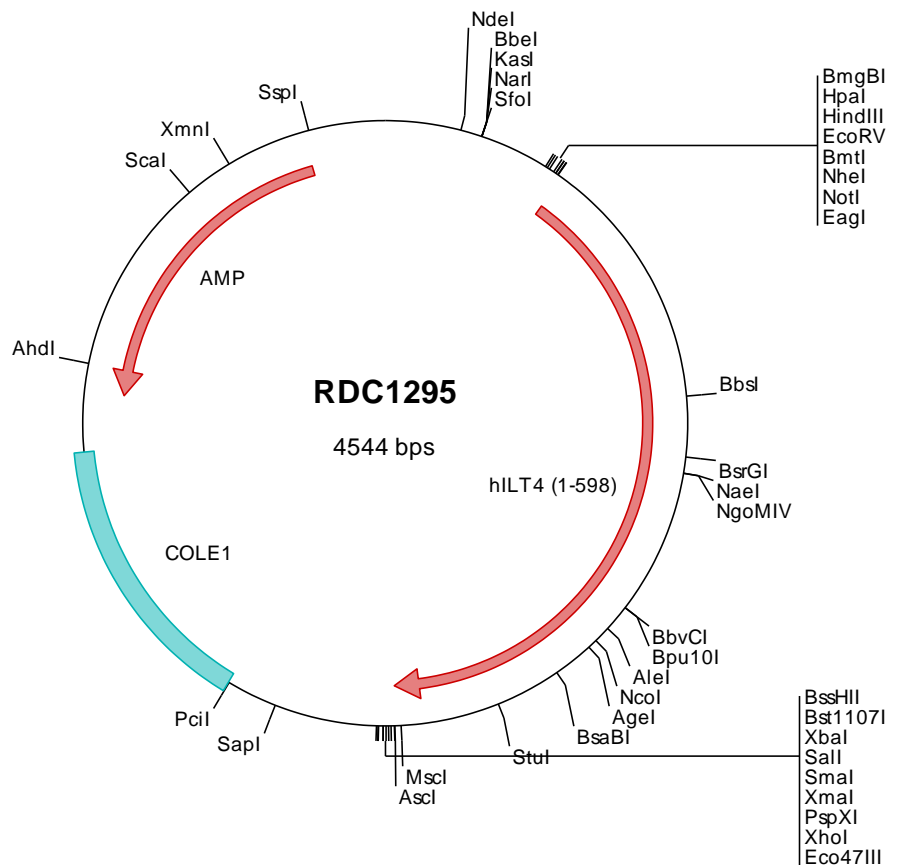
LILRB2 is a member of the leukocyte immunoglobulin-like receptor (LIR) family. It is a receptor expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. 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

> RDC1295 Plasmid DNA Sequence

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> RDC1295 Translated Insert Sequence

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