

Specifications:

Gene:	hIL2RB
Accession:	NP_000869
Insert size:	1669bp
Concentration:	10µg at 0.2µg/µL

hIL-2 R beta cDNA Plasmid

IL2RB interleukin 2 receptor,
beta [*Homo sapiens* (human)]

Also known as: CD122; IL15RB;
P70-75

Summary:

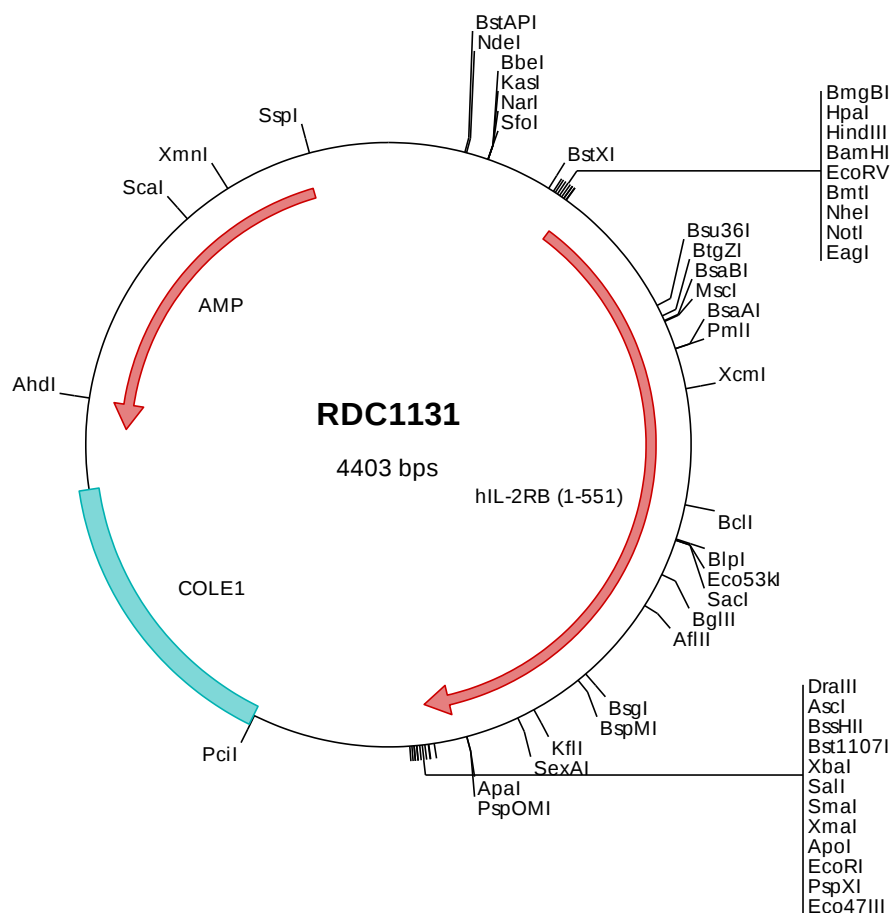
IL2RB is a member of the cytokine receptor superfamily. It is the beta chain of the interleukin 2 receptor, which is involved in T cell-mediated immune responses. Functional IL-2 receptors can exist in two affinity states on cell surfaces, the high affinity complex consisting of heterotrimers of the α , β , and γ chains, and the intermediate affinity complex comprising heterodimers of the β and γ chains. Both the intermediate and high affinity forms of the receptor are involved in receptor-mediated endocytosis and transduction of mitogenic signals from interleukin 2. IL2RB has also been shown to be required for IL-15 mediated signaling.

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



> RDC1131 Plasmid DNA Sequence

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> RDC1131 Translated Insert Sequence

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