

Specifications:

Gene:	hHLA-B
Accession:	NP_005505.2
Insert size:	1102bp
Concentration:	10µg at 0.2µg/µL

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.

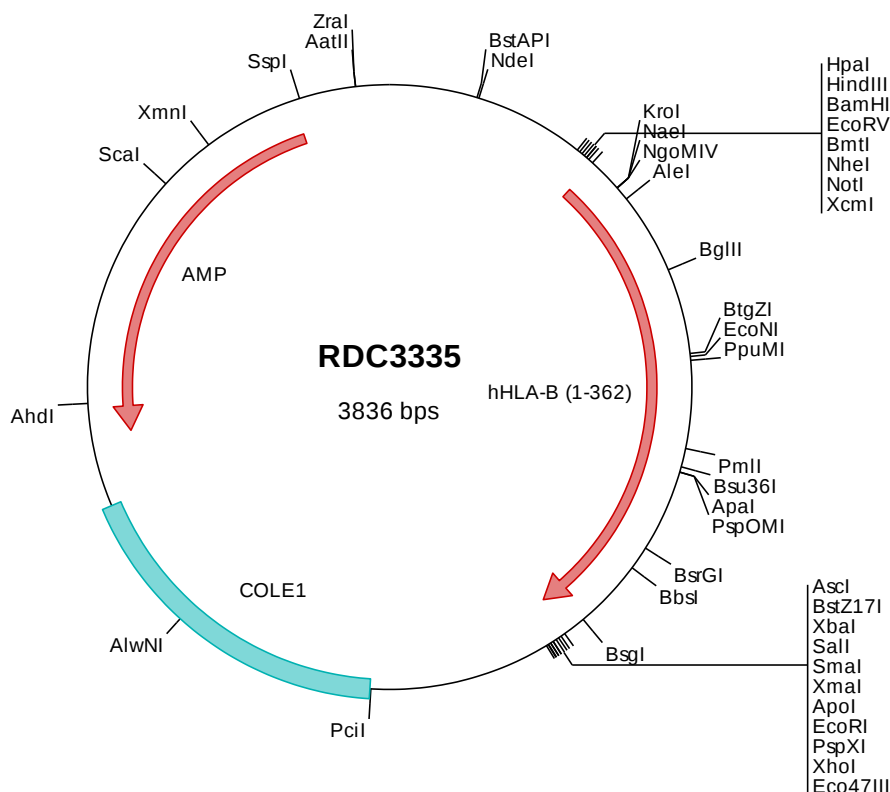
hHLA-B cDNA Plasmid

HLA-B major histocompatibility complex, class I, B [*Homo sapiens* (human)]

Also known as: AS; HLAB; B-4901

Summary:

HLA-B belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. They are expressed in nearly all cells. Hundreds of HLA-B alleles have been described. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation.



> RDC3335 Plasmid DNA Sequence

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> RDC3335 Translated Insert Sequence

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