

Specifications:

Gene:	<i>h</i> LILRB1
Accession:	NP_006660
Insert size:	1965bp
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.

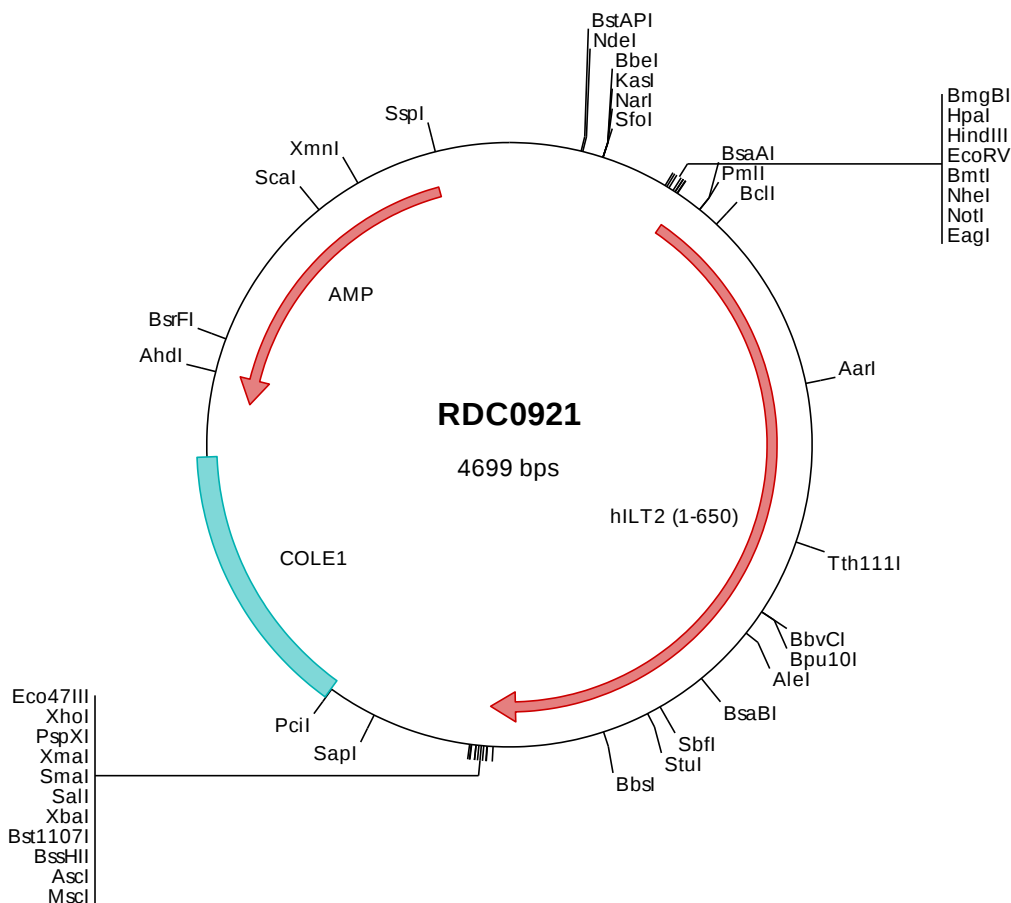
*h*LILRB1/CD85j/ILT2 cDNA Plasmid

LILRB1 leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1 [*Homo sapiens* (human)

Also known as: ILT2; LIR1; MIR7; CD85J; ILT-2; LIR-1; MIR-7

Summary:

LILRB1, also known as Immunoglobulin-Like Transcript 2 (ILT2) is a member of the leukocyte immunoglobulin-like receptor (LIR) family and contains extracellular immunoglobulin domains and cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). ILT2 is 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. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0921 Plasmid DNA Sequence

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201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaggg ggaagtgtg caaggcgatt aagtgggta acgccagggt tttccagtc acgacgtgtg aaaacgacg ccagtgatt
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501  caggaccacac gtgcaggcag ggcaacctccc caagcccaco ctctgggctg aaccaggctc tgtgatoaco caggggagtc ctgtgacct caggtgtcag
601  gggggccagg agaccaggga gtaccgtcta tatagagaaa agaaaacagc actctggatt acacggatcc caccaggagt tgtgaagaag ggccagttcc
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> RDC0921 Translated Insert Sequence

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