

Specifications:

Gene:	<i>h</i> FCRLB
Accession:	NP_001002901
Insert size:	1294bp
Concentration:	10µg at 0.2µg/µL

*h*FCRLB/FCRY cDNA Plasmid

FCRLB Fc receptor like B [*Homo sapiens* (human)]

Also known as: FcRY; FCRL2;
FCRLY; FREB2; FCRLM2; FREB-2

Summary:

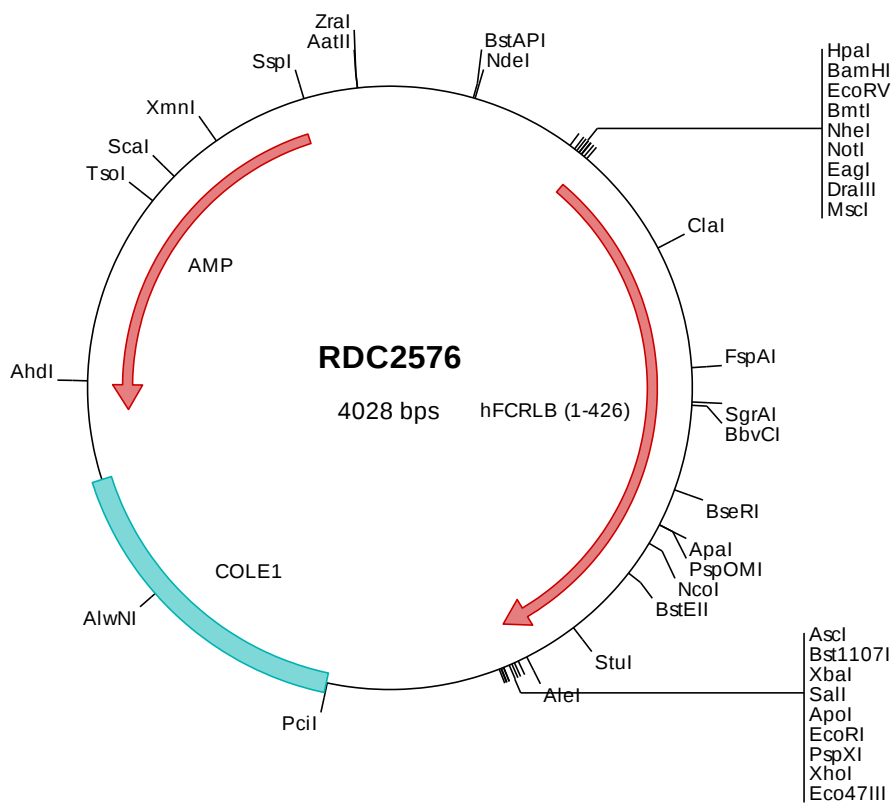
FCRLB belongs to the Fc receptor family. Fc receptors are involved in phagocytosis, antibody-dependent cell cytotoxicity, immediate hypersensitivity, and transcytosis of immunoglobulins via their ability to bind immunoglobulin (Ig) constant regions. FCRLB is expressed at a low level in placenta and in B lineage cells of the germinal center. It is upregulated in B cells by BAFF and LPS. Among non-hematopoietic cells, FCRLB is expressed in fibroblasts, melanocytes, and melanoma. It is preferentially expressed in nonproliferating cells and at the onset of apoptosis.

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.



> RDC2576 Plasmid DNA Sequence

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201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggaatgtctg caaggcgatt aagttgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcccac atgtggccac tgacagccct tctgctctgt gttccaaaga gtgggcaagc
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701  gatgccagac acggggagca ccogtcagtg acccatcca cctctctgta tccaatgatt ggctgattct gcaagtgcgc tatgcgcagc tgttcgaggg
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> RDC2576 Translated Insert Sequence

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201  vmgprearga alggvvlrcd trlhpqkrdt plqfayfkyk ravrrfdwga eytvepeve elesywceaa tatrsvrkrs pwlqlpgpgs pldpasttap
301  apwaaalapg nrplsfrkpp vsrsvplvts vrnttstglq fpasgaptag ppacapptpl eqsagalkpd vdlllremql lkgllsrvv1 elkepqlre
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