

Specifications:

Gene:	<i>hBTNL2</i>
Accession:	NP_001291490
Insert size:	1462bp
Concentration:	10µg at 0.2µg/µL

**hBTNL2 cDNA
Plasmid**

BTNL2 butyrophilin-like 2 (MHC class II associated) [*Homo sapiens* (human)]

Also known as: SS2; BTL-II; HSBLMHC1

Summary:

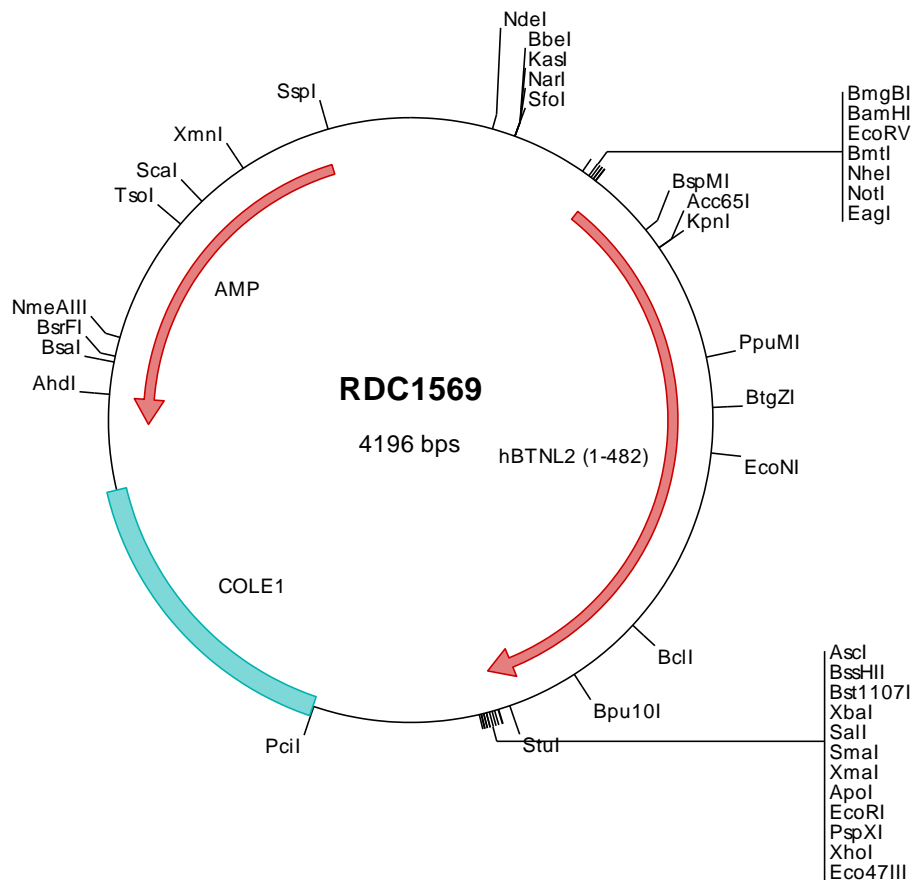
BTNL2 is a single-pass type II membrane protein that is expressed in brain, heart, kidney, liver, pancreas, ovary, leukocyte, small intestine, testis and thymus. It is a negative regulator of T-cell proliferation and is induced by many proinflammatory cytokines such as TNF and IL1B/interleukin-1 beta. 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

> RDC1569 Plasmid DNA Sequence

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> RDC1569 Translated Insert Sequence

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