

Specifications:

Gene:	hCD101
Accession:	NP_004249
Insert size:	3079bp
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.

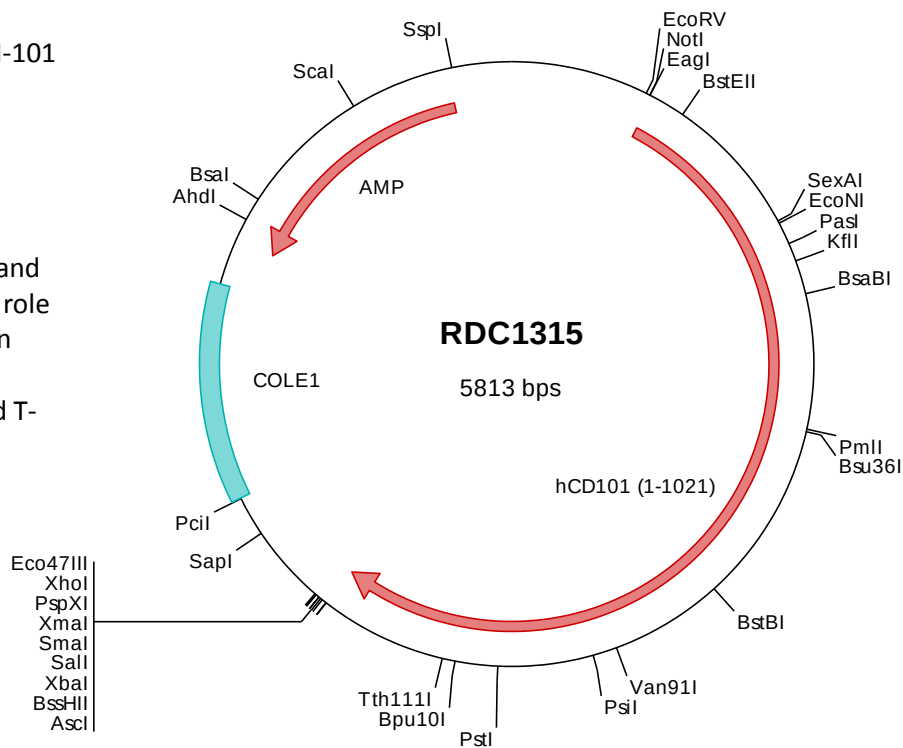
hIGSF2/CD101 cDNA Plasmid

CD101 CD101 molecule [*Homo sapiens* (human)]

Also known as: V7; IGSF2; EWI-101

Summary:

CD101 is an Ig superfamily transmembrane protein. It is expressed on dendritic cells, Langerhans cells, granulocytes, and activated T cells. CD101 plays a role as inhibitor of T-cell proliferation induced by CD3. It inhibits the expression of IL2RA on activated T-cells as well as secretion of IL2. Polymorphisms in CD101 are associated with susceptibility to type I diabetes.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1315 Plasmid DNA Sequence

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> RDC1315 Translated Insert Sequence

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