

Specifications:

Gene:	hIL22RA1
Accession:	NP_067081
Insert size:	1738bp
Concentration:	10µg at 0.2µg/µL

hIL-22 Rα1 cDNA Plasmid

**IL22RA1 interleukin 22 receptor,
alpha 1 [*Homo sapiens* (human)
]**

Also known as: IL22R; CRF2-9;
IL22R1

Summary:

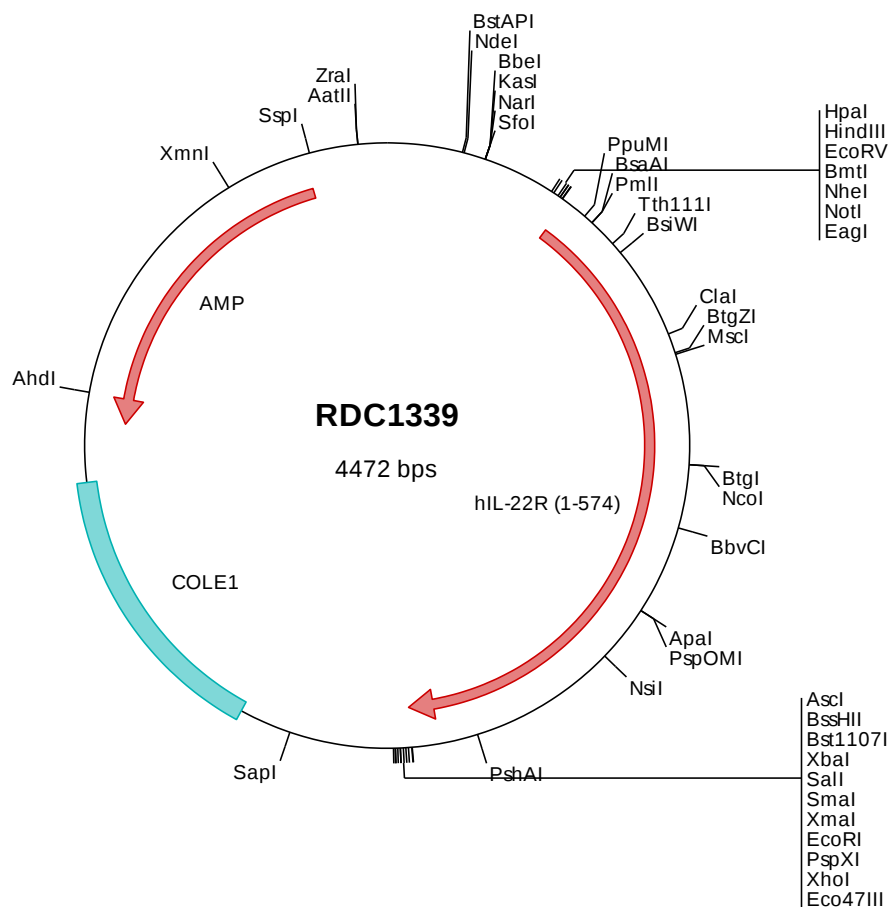
IL22R is a transmembrane glycoprotein that belongs to the class II cytokine receptor family. It is a receptor for interleukin 22 (IL22). IL22 receptor is a protein complex that consists of IL22R and IL10BR/CRFB4, a subunit also shared by the receptor complex for interleukin 10 (IL10). IL22R is expressed in epithelial and stromal cells. IL22R signaling promotes innate immune responses and wound healing at sites of infection and inflammation. IL22R signaling also promotes downregulation of proteins involved in keratinocyte differentiation.

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.



> RDC1339 Plasmid DNA Sequence

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> RDC1339 Translated Insert Sequence

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