

Specifications:

Gene:	hIL22
Accession:	NP_065386
Insert size:	553bp
Concentration:	10µg at 0.2µg/µL

hIL-22 cDNA Plasmid

IL22 interleukin 22 [*Homo sapiens* (human)]

Also known as: TIFa; IL-21; IL-22; ILT1F; IL-T1F; IL-D110; zcyto18; TIFIL-23

Summary:

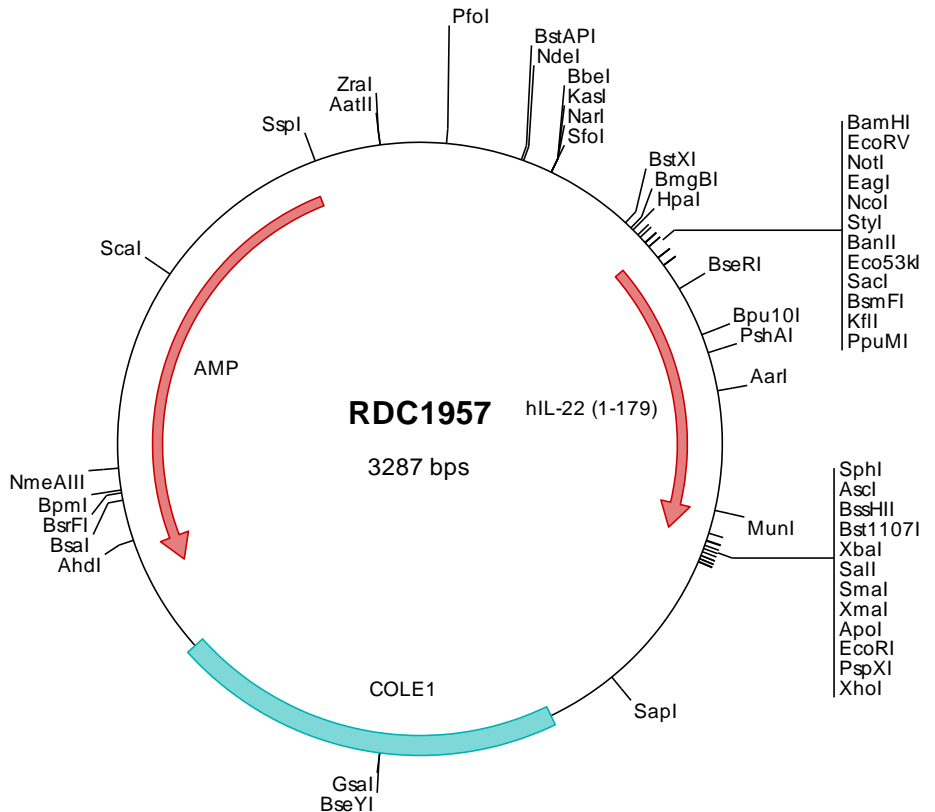
IL-22 is a cytokine that contributes to the inflammatory response in vivo. IL-22 binds to a heterodimeric receptor complex made up of IL21R1 and IL10R2. IL-22 has been shown to activate STAT-1 and STAT-3 in several hepatoma cell lines and upregulate the production of acute phase proteins. IL-22 is produced by normal T cells upon anti-CD3 stimulation in humans.

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.



> RDC1957 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  totgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1957 Translated Insert Sequence

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