

Datasheet for ABIN6253277

IL-22 Protein (AA 34-179) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	25 µg
Target:	IL-22 (IL22)
Protein Characteristics:	AA 34-179
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-22 protein is labelled with Fc Tag.

Product Details

Purpose:	IL-22 (human):Fc (human) (rec.)
Specificity:	The extracellular domain of human IL-22 (aa 34-179) is fused to the N-terminus of the Fc region of human IgG1.
Characteristics:	Protein. The extracellular domain of human IL-22 (aa 34-179) is fused to the N-terminus of the Fc region of human IgG1. Source: CHO cells. Endotoxin content: <0.06EU/µg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: >98 % (SDS-PAGE). Interleukin-22 (IL-22), also known as IL-10 related T cell derived inducible factor (ILTIF) was initially identified as a gene induced by IL-9 in mouse T cells and mast cells. IL-22 has been shown to activate STAT1 and STAT3 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. Mouse IL-22 expression is also induced in various organs upon lipopolysaccharide injection, suggesting that IL-22 may be involved in inflammatory responses. The functional IL-22 receptor complex consists of two receptor subunits, IL-22R(CRF29) and IL-10Rbeta(CRF24), belonging

Product Details

to the class II cytokine receptor family.

Purity: >98 % (SDS-PAGE)

Endotoxin Level: <0.06EU/μg protein (LAL test, Lonza).

Target Details

Target: IL-22 (IL22)

Alternative Name: IL-22 ([IL22 Products](#))

Background: Alternate Names/Synonyms: Interleukin-22, IL-10-related T Cell-derived-inducible Factor
Product Description: Interleukin-22 (IL-22), also known as IL-10 related T cell derived inducible factor (ILTIF) was initially identified as a gene induced by IL-9 in mouse T cells and mast cells. IL-22 has been shown to activate STAT1 and STAT3 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. Mouse IL-22 expression is also induced in various organs upon lipopolysaccharide injection, suggesting that IL-22 may be involved in inflammatory responses. The functional IL-22 receptor complex consists of two receptor subunits, IL-22R(CRF29) and IL-10Rbeta(CRF24), belonging to the class II cytokine receptor family.

NCBI Accession: [NP_065386](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized from 0.2μm-filtered solution in PBS.

Handling Advice: Avoid freeze/thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.