

Datasheet for ABIN7566247

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:	Mouse
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-22 protein is labelled with Fc Tag.

Product Details

Purpose:	IL-22 (mouse):Fc (mouse) (rec.)
Cross-Reactivity:	Mouse
Characteristics:	The extracellular domain of mouse IL-22 (aa 34-179) is fused to the N-terminus of the Fc region of mouse IgG2a.
Purity:	>95 % (SDS-PAGE)
Sterility:	Sterile filtered
Endotoxin Level:	<1EU/mg protein (LAL test, Lonza).

Target Details

Target:	IL-22 (IL22)
Alternative Name:	IL-22 (IL22 Products)

Target Details

Background:	<p>Interleukin-22, IL-10-related T Cell-derived-inducible Factor</p> <p>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.</p>
Molecular Weight:	~50-60kDa
NCBI Accession:	NP_058667

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from 0.2µm-filtered solution in PBS.
Handling Advice:	Avoid freeze/thaw cycles.Centrifuge lyophilized vial before opening and reconstitution.
Storage:	4 °C,-20 °C
Storage Comment:	<p>Short Term Storage: +4°C</p> <p>Long Term Storage: -20°C</p> <p>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.</p>