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IL-22 Protein (AA 34-179) (His tag)

2 Images



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Overview

Quantity:	50 μg
Target:	IL-22 (IL22)
Protein Characteristics:	AA 34-179
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL-22 protein is labelled with His tag.

Product Details

Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per μg by the LAL method.

Target Details

Target:	IL-22 (IL22)
Alternative Name:	IL-22 (IL22 Products)
Background:	Interleukin-22 (IL22) is also known as cytokine Zcyto18, IL-10-related T-cell-derived-inducible
	factor (IL-TIF), which is belongs to the IL-10 family or IL-10 superfamily (including IL-19, IL-20,
	IL-24, and IL-26), a class of potent mediators of cellular inflammatory responses. IL-22 is
	produced by activated DC and T cells and initiates innate immune responses against bacterial
	pathogens especially in epithelial cells such as respiratory and gut epithelial cells. IL-22

Target Details

biological activity is initiated by binding to a cell-surface complex composed of IL-22R1 and IL-10R2 receptor chains and further regulated by interactions with a soluble binding protein IL-22BP. IL-22 also promotes hepatocyte survival in the liver and epithelial cells in the lung and gut similar to IL-10.

Molecular Weight: 18.6 kDa

NCBI Accession: NP_065386

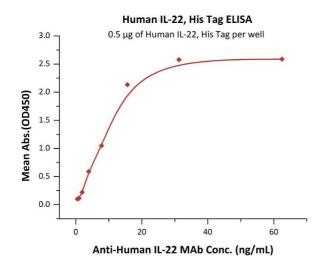
Application Details

Restrictions: For Research Use only

Handling

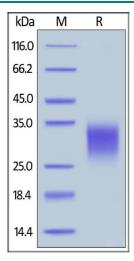
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Human IL-22, His Tag (ABIN6386426,ABIN6388249) at $5 \mu g/mL$ (100 $\mu L/well$) can bind A IL-22 MAb with a linear range of 0.5-16 ng/mL (QC tested).



SDS-PAGE