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Datasheet for ABIN2018097 IL-22 Protein (AA 34-179)

Overview

Quantity:	50 µg
Target:	IL-22 (IL22)
Protein Characteristics:	AA 34-179
Origin:	Human
Source:	HEK-293T Cells
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Characteristics:	Active, measured by its ability to activate STAT following receptor ligand interaction.
Purity:	> 95 % as analyzed by SDS-PAGE.
Endotoxin Level:	< 0.2 EU/µg, determined by LAL method.

Target Details

Target:	IL-22 (IL22)
Alternative Name:	Interleukin-22 (IL-22) (IL22 Products)
Background:	Interleukin-22 (IL-22) is a member of the IL-10 family of regulatory cytokines which includes IL-10, IL-19, IL-20, IL-22, IL-24 and IL-26. Members of this family share partial homology in their amino acid sequences, but they are dissimilar in their biological functions. Produced by T lymphocytes, IL-22 inhibits IL-4 production by Th2 cells, and induces acute phase reactants in the liver and pancreas. IL-22 signals through a receptor system consisting of IL-10R- /CRF2-4

Target Details

and IL-22R, both of which are members of the class II cytokine-receptor family.

Synonyms: IL-TIF

Molecular Weight: 16-28 kDa, observed by reducing SDS-PAGE.

NCBI Accession: [NP_065386](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstituted in ddH₂O or PBS at 100 µg/mL.

Buffer: Lyophilized after extensive dialysis against PBS.

Storage: -80 °C

Storage Comment: Lyophilized recombinant Human Interleukin-22 (IL-22) remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, Human Interleukin-22 (IL-22) should be stable up to 1 week at 4 °C or up to 2 months at -20 °C.

Expiry Date: 6 months