

## Active Recombinant Human IL22 protein, His-tagged

Cat. No. IL22-449H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL22 protein(Ala34-Ile179)(NP_065386.1), fused with His tag, was expressed in Yeast.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	Ala34-Ile179
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Measured by its ability to induce IL-10 secretion in COLO 205 human colorectal adenocarcinoma cells. The ED50 for this effect is typically 0.2-0.8 ng/mL.
<b>Molecular Mass</b>	The recombinant human IL22 consists of 156 amino acids and predicts a molecular mass of 18.1 kDa.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** IL22 interleukin 22 [ Homo sapiens ]

**Official Symbol** IL22

**Synonyms** IL22; interleukin 22; interleukin-22; IL 10 related T cell derived inducible factor; IL 21; IL 22; IL D110; IL TIF; ILTIF; MGC79382; MGC79384; TIFa; TIFIL 23; zcyto18; cytokine Zcyto18; IL-10-related T-cell-derived inducible factor; IL-10-related T-cell-derived-inducible factor; IL-21; IL-22; IL-TIF; IL-D110; TIFIL-23;

**Gene ID** 50616

**mRNA Refseq** NM\_020525

**Protein Refseq** NP\_065386

**MIM** 605330

**UniProt ID** Q9GZX6

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