

Active Recombinant Human IL22 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IL22 protein(Ala34-Ile179)(NP_065386.1), fused with His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	Ala34-Ile179
Form	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.
Bio-activity	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.
Molecular Mass	The recombinant human IL22 consists of 156 amino acids and predicts a molecular mass of 18.1 kDa.
Purity	> 95 % as determined by SDS-PAGE.
Storage	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.

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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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