

Active Recombinant Human IL22 protein

Cat. No. IL22-461H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL22 protein(NP_065386.1)(Ala34-Ile179) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala34-Ile179
Form	Lyophilized from sterile PBS, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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 0.3-1.2 ng/mL.
Molecular Mass	The recombinant human IL22 consists of 147 amino acids and predicts a molecular mass of 16.9 KDa. It migrates as an approximately 15 KDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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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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