Active Recombinant Human IL22, HIgG1 Fc-tagged

Cat. No. IL22-563H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human IL-22 (NP_065386.1)(Ala34-ILe179) is fused to the N-terminus of the Fc region of human IgG1was expressed in CHO cell
Species	Human
Source	CHO
ProteinLength	34-179 a.a.
Description	L22 (interleukin 22) is a protein-coding gene. Diseases associated with IL22 include?chronic mucocutaneous candidiasis, and?candidiasis, and among its?related super-pathways?are?MIF Mediated Glucocorticoid Regulation?and?Regulation of eIF4 and p70S6K. GO annotations related to this gene include?cytokine activity?and?interleukin-22 receptor binding.
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	The Biological Activity was determined by the ability to activiate STAT following receptor ligand interaction.
Molecular Mass	46KDa (monomer)
AA Sequence	Ala34-ILe179
Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">

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Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

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
Chromosome	12q15

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Location	
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;
Function	cytokine activity; interleukin-22 receptor binding;

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