

Recombinant Human IL22 Protein, C-6His tagged, Biotinylated

Cat. No. IL22-44H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human Interleukin-22 is produced by Human 293 Cells. The target gene encoding A34-I179 is expressed with a 6His tag at the C terminus.
Species	Human
Source	HEK293
ProteinLength	A34-I179
Description	Interleukin-22 (IL22) is a cytokine that belongs to the IL-10 family or IL-10 superfamily, a class of potent mediators of cellular inflammatory responses. IL-22 is produced by activated DC and T cells and initiates innate immune responses against bacterial pathogens especially in epithelial cells such as respiratory and gut epithelial cells. IL-22 initiated its biological activity by binding to a cell-surface complex composed of IL-22R1 and IL-10R2 receptor chains and further regulated by interactions with a soluble binding protein IL-22BP. IL-22 can contribute to immune disease through the stimulation of inflammatory responses, S1s and defensins. IL-22 also promotes hepatocyte survival in the liver and epithelial cells in the lung and gut.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.2
Shipping	Ambient
Conjugation	Biotin

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GENE INFORMATION

Gene Name	IL22 interleukin 22 [Homo sapiens (human)]
Official Symbol	IL22
Synonyms	Cytokine Zcyto18; IL-10-related T-cell-derived inducible factor; IL22; IL-22; IL-D110; IL-TIF; ILTIFIL-10-related T-cell-derived-inducible factor; IL-TIFMGC79382; interleukin 22; interleukin-22; MGC79384; TIFa; TIFIL-23; zcyto18
Gene ID	50616
mRNA Refseq	NM_020525
Protein Refseq	NP_065386
MIM	605330
UniProt ID	Q9GZX6

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