

Recombinant Human IL22 protein, His-tagged

Cat. No. IL22-15H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL22 protein(Q9GZX6)(Ala34-Ile179), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala34-Ile179
Tag	N-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-22, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human IL-22R alpha 1, hFc Tag with the EC50 of 10.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 17.8 kDa. Due to glycosylation, the protein migrates to 28-40 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

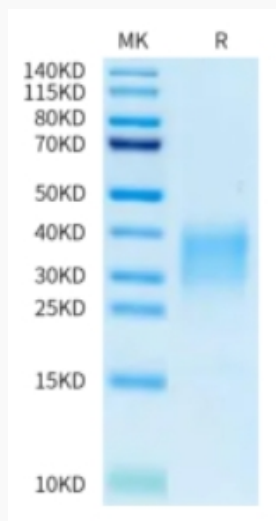
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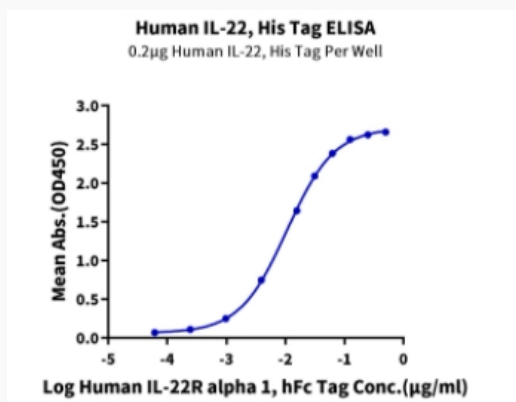
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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

Tris-Bis PAGE



ELISA Data



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