Recombinant Human IL4 protein, His-Avi-tagged

Cat. No. IL4-202H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL4 protein(P05112)(His25-Ser153), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	His25-Ser153
Tag	C-His-Avi
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-4 at 1 ug/ml (100 ul/well) on the plate. Dose response curve for Human IL-4 R alpha, hFc Tag with the EC50 of 4.2 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 17.8 kDa. Due to glycosylation, the protein migrates to 23-25 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
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

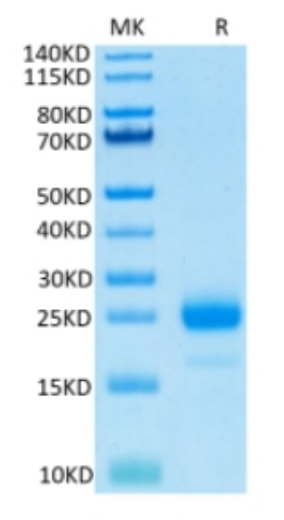
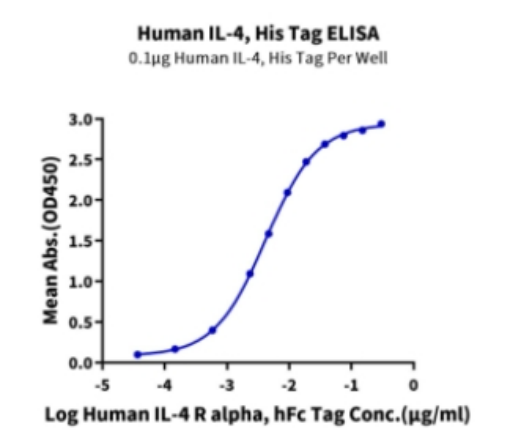
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	defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	IL4 interleukin 4 [Homo sapiens]
Official Symbol	IL4
Synonyms	IL4; interleukin 4; interleukin-4; B cell growth factor 1; B_cell stimulatory factor 1; BCGF 1; BCGF1; BSF1; IL 4; lymphocyte stimulatory factor 1; MGC79402; binetrakin; pitrakinra; IL-4; BSF-1; BCGF-1;
Gene ID	3565
mRNA Refseq	NM_000589
Protein Refseq	NP_000580
MIM	147780
UniProt ID	P05112

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Tris-Bis PAGE	
ELISA Data	

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