

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

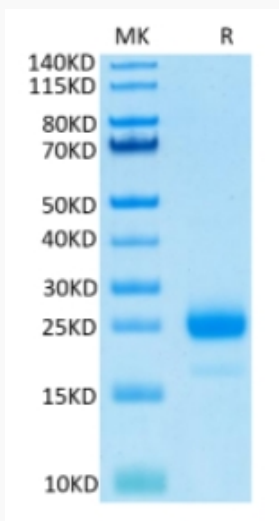
UniProt ID P05112

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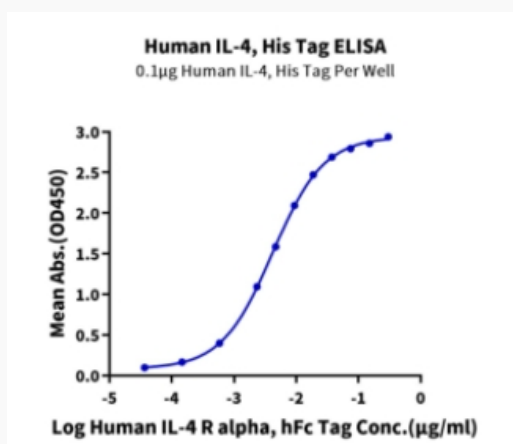
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Tris-Bis PAGE



ELISA Data



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