

Active Recombinant Human IL4 protein, hFc-tagged, Low Endotoxin

Cat. No. IL4-05H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL4 protein(P05112-1)(His25-Ser153), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-153 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-4 R alpha, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human IL-4, hFc Tag with the EC50 of 3.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 40.9 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution 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

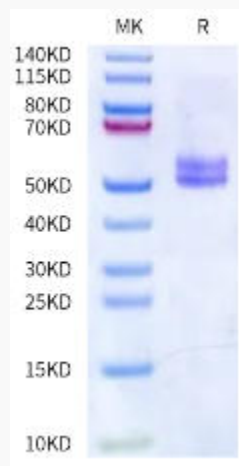
UniProt ID P05112

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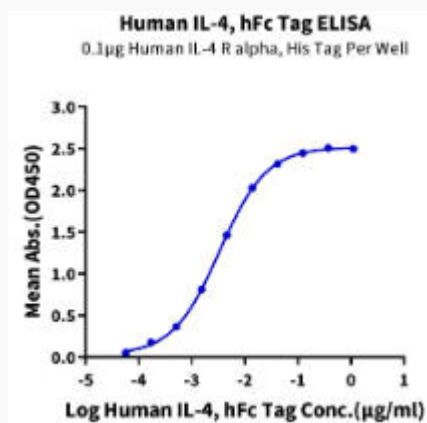
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Bis-Tris PAGE



ELISA Data



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