

Active Recombinant Human IL5 protein, His-tagged, Low Endotoxin

Cat. No. IL5-502H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL5 protein(P05113)(Ile20-Ser134), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-134 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-5, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human IL-5 R alpha, hFc Tag with the EC50 of 15.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 14.24 kDa. Due to glycosylation, the protein migrates to 20-35 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 IL5 interleukin 5 (colony-stimulating factor, eosinophil) [Homo sapiens]

Official Symbol IL5

Synonyms IL5; interleukin 5 (colony-stimulating factor, eosinophil); interleukin-5; B cell differentiation factor I; EDF; eosinophil differentiation factor; IL 5; interleukin 5; T cell replacing factor; TRF; T-cell replacing factor; B-cell differentiation factor I; IL-5;

Gene ID 3567

mRNA Refseq NM_000879

Protein Refseq NP_000870

MIM 147850

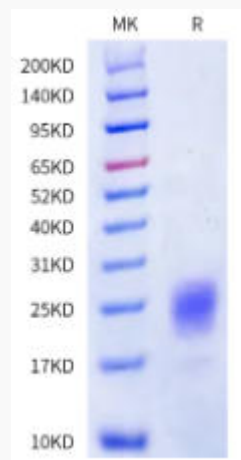
UniProt ID P05113

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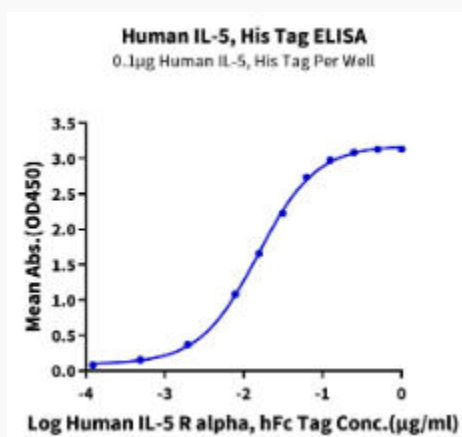
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Bis-Tris PAGE



ELISA Data



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