

Active Recombinant Human IL25 protein, His-tagged, Low Endotoxin

Cat. No. IL25-153H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL25 protein(Q9H293-1)(Tyr33-Gly177), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	33-177 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-25, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human IL-17RB, hFc Tag with the EC50 of 6.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 17.6 kDa. Due to glycosylation, the protein migrates to 25-30 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; > 90% 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 IL25 interleukin 25 [Homo sapiens]

Official Symbol IL25

Synonyms IL25; interleukin 25; IL17E, interleukin 17E; interleukin-25; IL 17E; IL 25; interleukin 17E; interleukin-17E; IL17E;

Gene ID 64806

mRNA Refseq NM_022789

Protein Refseq NP_073626

MIM 605658

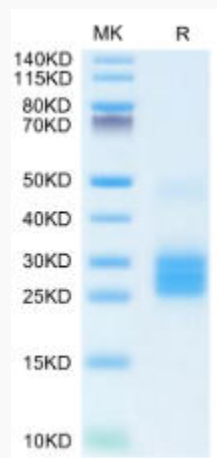
UniProt ID Q9H293

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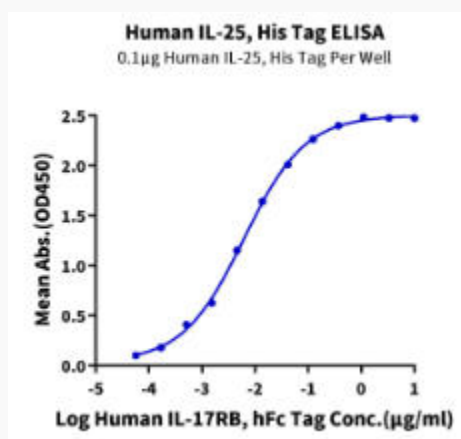
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Bis-Tris PAGE



ELISA Data



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