

Active Recombinant Human IL5RA protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. IL5RA-344HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL5RA protein(Q01344-1)(21-335 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-335 aa
Conjugation/Label	Biotin
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-5, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IL-5 R alpha, His Tag with the EC50 of 0.15µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 38.7 kDa. Due to glycosylation, the protein migrates to 55-60 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

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 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 IL5RA interleukin 5 receptor, alpha [Homo sapiens]

Official Symbol IL5RA

Synonyms IL5RA; interleukin 5 receptor, alpha; IL5R; interleukin-5 receptor subunit alpha; CD125; CDw125; CD125 antigen; IL-5R subunit alpha; IL-5 receptor subunit alpha; interleukin 5 receptor type 3; interleukin-5 receptor alpha chain; HSIL5R3; MGC26560;

Gene ID 3568

mRNA Refseq NM_000564

Protein Refseq NP_000555

MIM 147851

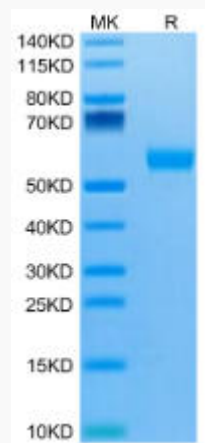
UniProt ID Q01344

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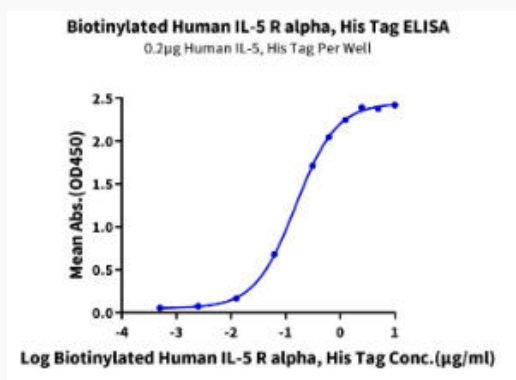
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Bis-Tris PAGE



ELISA Data



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