

Active Recombinant Human IL4R protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. IL4R-588H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL4R protein(P24394-1)(26-232 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-232 aa
Conjugation/Label	Biotin
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 Biotinylated Human IL-4 R alpha, His Avi Tag at 1µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human IL-4, hFc Tag with the EC50 of 6.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 26.64 kDa. Due to glycosylation, the protein migrates to 58-68 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 IL4R interleukin 4 receptor [Homo sapiens]

Official Symbol IL4R

Synonyms IL4R; interleukin 4 receptor; interleukin-4 receptor subunit alpha; CD124; IL-4 receptor subunit alpha; interleukin-4 receptor alpha chain; IL4RA; IL-4RA;

Gene ID 3566

mRNA Refseq NM_000418

Protein Refseq NP_000409

MIM 147781

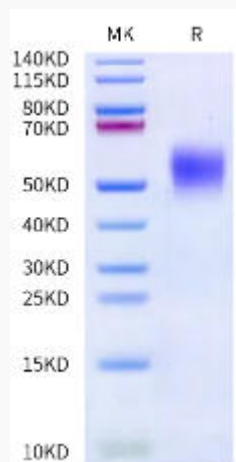
UniProt ID P24394

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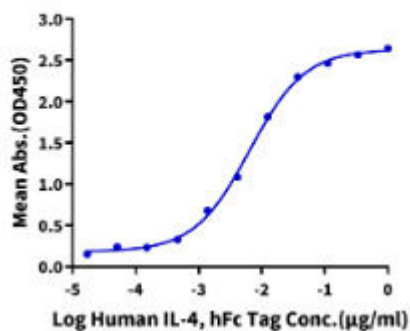
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Bis-Tris PAGE



ELISA Data

Biotinylated Human IL-4 R alpha, His Avi Tag ELISA
0.1µg Biotinylated Human IL-4 R alpha, His Avi Tag Per Well



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