

## Recombinant Human IL4R protein(Met1-His232), His-tagged, Biotinylated

Cat. No. IL4R-587HB Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human IL4R (NP_000409.1) (Met1-His232) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-232 a.a.
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from sterile Sterile PBS. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Immobilized Recombinant Human IL4 / Interleukin-4 Protein at 2µg/mL (100µL/well) can bind Recombinant Human IL4R / CD124 Protein (His Tag), Biotinylated, the EC50 is 148-560 ng/mL.
<b>Molecular Mass</b>	The recombinant IL4R consists of 218 amino acids and predicts a molecular mass of 25.2 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.

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<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	IL4R interleukin 4 receptor [ Homo sapiens ]
<b>Official Symbol</b>	IL4R
<b>Synonyms</b>	IL4R; interleukin 4 receptor; interleukin-4 receptor subunit alpha; CD124; IL-4 receptor subunit alpha; interleukin-4 receptor alpha chain; IL4RA; IL-4RA;
<b>Gene ID</b>	3566
<b>mRNA Refseq</b>	NM_000418
<b>Protein Refseq</b>	NP_000409
<b>MIM</b>	147781
<b>UniProt ID</b>	P24394

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