

# Active Recombinant Human IL4R Protein, His & Avi-tagged, Biotinylated

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

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human IL4R Protein (Met 26 - His 232) (NP_000409.1), fused with an Avi tag at the C-terminus, followed by a polyhistidine tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met 26 - His 232
<b>Predicted N Terminal</b>	Met 26
<b>Form</b>	Lyophilized from sterile PBS, pH7.4, 10% trehalose.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human IL-4, Tag Free at 5µg/mL (100 µL/well) can bind Biotinylated Human IL-4 R alpha, His Tag with a linear range of 0.005-0.078 µg/mL.
<b>Molecular Mass</b>	Recombinant Human IL4R Protein has a calculated MW of 26.9 kDa. The protein migrates as 40-53 kDa on a SDS-PAGE gel under reducing (R) condition due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°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 [ <a href="#">Homo sapiens</a> ]
<b>Official Symbol</b>	<a href="#">IL4R</a>
<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>	<a href="#">3566</a>
<b>mRNA Refseq</b>	<a href="#">NM_000418</a>
<b>Protein Refseq</b>	<a href="#">NP_000409</a>
<b>MIM</b>	<a href="#">147781</a>
<b>UniProt ID</b>	<a href="#">P24394</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Chromosome Location</b>	16p12.1-p11.2
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; IL-4 signaling Pathway, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; Inflammatory Response Pathway, organism-specific biosystem;
<b>Function</b>	insulin receptor substrate binding; interleukin-4 receptor activity; protein binding; receptor activity; receptor signaling protein activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA