

## Recombinant Human IL4R Protein, GST-tagged

**Cat. No.** IL4R-5179H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human IL4R partial ORF ( NP_000409, 26 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes the alpha chain of the interleukin-4 receptor, a type I transmembrane protein that can bind interleukin 4 and interleukin 13 to regulate IgE production. The encoded protein also can bind interleukin 4 to promote differentiation of Th2 cells. A soluble form of the encoded protein can be produced by an alternate splice variant or by proteolysis of the membrane-bound protein, and this soluble form can inhibit IL4-mediated cell proliferation and IL5 upregulation by T-cells. Allelic variations in this gene have been associated with atopy, a condition that can manifest itself as allergic rhinitis, sinusitus, asthma, or eczema. Two transcript variants encoding different isoforms, a membrane-bound and a soluble form, have been found for this gene. [provided by RefSeq]
<b>Molecular Mass</b>	37.84 kDa
<b>AA Sequence</b>	MKVLQEPTCVSDYMSISTCEWKMNPTNCSTELRLLYQLVFLSEAHTCIPENGG AGCVCHLLMDDVVSADNYTLDLWAGQQLLWKGSEHKPSEHVKPRAPGNLTVHTNV
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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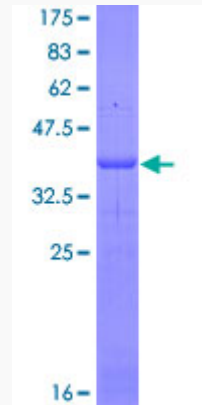
Antibody Production  
Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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