

# Recombinant Human IL5RA Protein (Asp21-Pro338), C-6xHis-tagged

**Cat. No.** IL5RA-250H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL5RA Protein (Asp21-Pro338) with C-6xHis tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Asp21-Pro338
<b>Description</b>	The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Several alternatively spliced transcript variants encoding four distinct isoforms have been reported.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	37.0 kDa
<b>Purity</b>	> 90% as determined by SDS-PAGE and Coomassie blue staining.

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**Storage** Store at -80 centigrade for 12 months (Avoid repeated freezing and thawing)

**Storage Buffer** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 68 % trehalose is added as protectants before lyophilization.

## GENE INFORMATION

**Gene Name** IL5RA interleukin 5 receptor, alpha [ Homo sapiens (human) ]

**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\_00564

**Protein Refseq** NP\_00555

**MIM** 147851

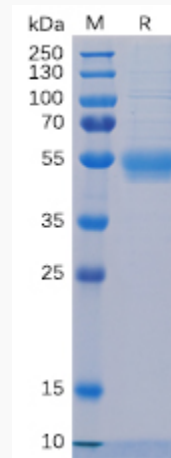
**UniProt ID** Q01344

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**SDS-PAGE**



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