

# Recombinant Human IL5RA protein, hFc-tagged

**Cat. No.** IL5RA-6744H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL5RA protein(Q01344-1)(Asp21-Glu335), fused with C-terminal hFc tag, was expressed in HEK293.                                                         |
| <b>Species</b>          | Human                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                   |
| <b>ProteinLength</b>    | Asp21-Glu335                                                                                                                                                             |
| <b>Tag</b>              | C-hFc                                                                                                                                                                    |
| <b>Form</b>             | Supplied as 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                    |
| <b>Bio-activity</b>     | Immobilized Human IL-5, His Tag at 1ug/ml (100ul/Well) on the plate. Dose response curve for Human IL-5 R alpha, hFc Tag with the EC50 of 11.7ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 62.6 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.                                       |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                  |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC                                                                                                         |
| <b>Storage</b>          | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot                                                                                      |

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

**Reconstitution**

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.

**GENE INFORMATION**

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

**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\_000564

**Protein Refseq** NP\_000555

**MIM** 147851

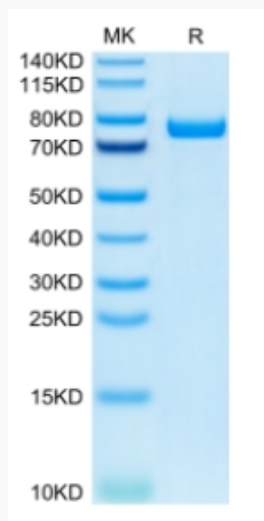
**UniProt ID** Q01344

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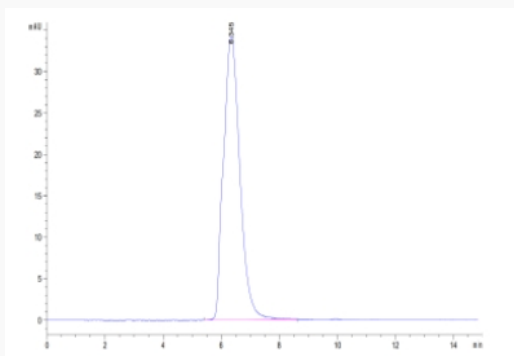
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## Tris-Bis PAGE



## ELISA Data



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