

## Active Recombinant Human IL5RA protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. IL5RA-344HB    Lot. No. (See product label)

### SPECIFICATION

|                          |                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Active Recombinant Human IL5RA protein(Q01344-1)(Asp21-Glu335) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.                                      |
| <b>Species</b>           | Human                                                                                                                                                                                 |
| <b>Source</b>            | HEK293                                                                                                                                                                                |
| <b>ProteinLength</b>     | 21-335 aa                                                                                                                                                                             |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                |
| <b>Form</b>              | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                            |
| <b>Bio-activity</b>      | Immobilized Human IL-5, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IL-5 R alpha, His Tag with the EC50 of 0.15µg/ml determined by ELISA. |
| <b>Molecular Mass</b>    | The protein has a predicted MW of 38.7 kDa. Due to glycosylation, the protein migrates to 55-60 kDa based on Bis-Tris PAGE result.                                                    |
| <b>Endotoxin</b>         | Less than 0.01 EU per µg by the LAL method.                                                                                                                                           |
| <b>Purity</b>            | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC                                                                                                                      |

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**Storage** -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## 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

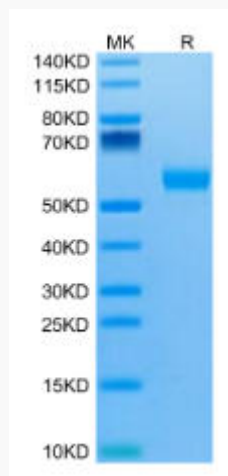
**UniProt ID** Q01344

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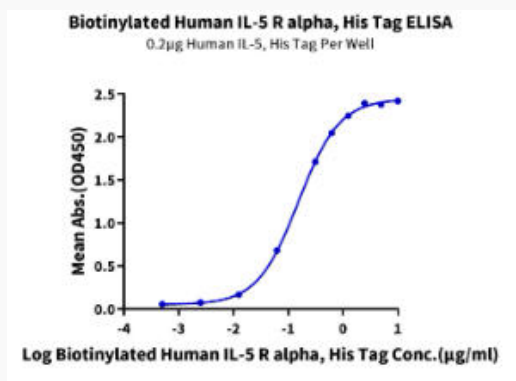
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## Bis-Tris PAGE



## ELISA Data



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