

## Recombinant Human IL5RA protein, His-Avi-tagged

**Cat. No.** IL5RA-340H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL5RA protein(Q01344-1)(Asp21-Glu335), fused with C-terminal His and Avi tag, was expressed in HEK293.                                         |
| <b>Species</b>          | Human                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                           |
| <b>ProteinLength</b>    | Asp21-Glu335                                                                                                                                                     |
| <b>Tag</b>              | C-His-Avi                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.                                   |
| <b>Bio-activity</b>     | Human IL-5, His Tag immobilized on CM5 Chip can bind Human IL-5 R alpha, His Tag with an affinity constant of 4.9nM as determined in a SPR assay (Biacore T200). |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 38.7 kDa. Due to glycosylation, the protein migrates to 50-68 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>          | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual                                                                                |

 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

defrost freezer and avoid repeated freeze-thaw cycles.

**Reconstitution**

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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

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

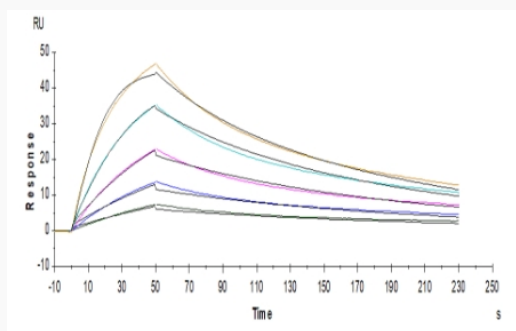
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

### Tris-Bis PAGE



### SPR Data



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