

Recombinant Human IL5RA protein, His-Avi-tagged

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

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human IL5RA protein(Q01344-1)(Asp21-Glu335), fused with C-terminal His and Avi tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Asp21-Glu335 |
| Tag | C-His-Avi |
| Form | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization. |
| Bio-activity | 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). |
| Molecular Mass | 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. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC |
| Storage | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual |

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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](#)

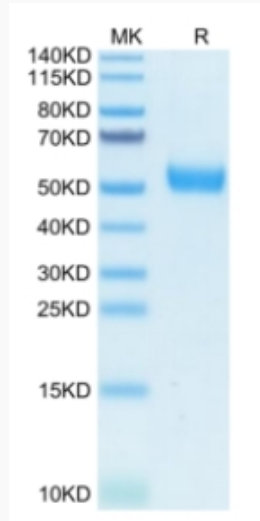
UniProt ID [Q01344](#)

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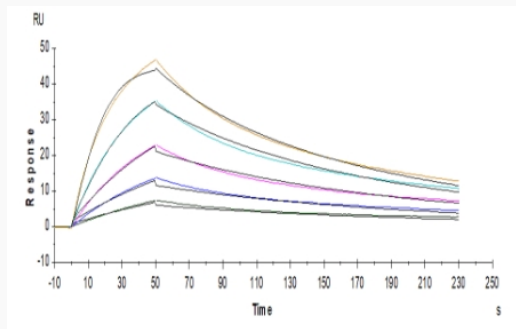
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Tris-Bis PAGE



SPR Data



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