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# Biotinylated Recombinant Human IL-15RA/CD215 Protein

**Catalog No.: RP02579** Recombinant

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---|---|---|
| Human | 3601 | Q13261-1 |

**Tags**
C-His&Avi

**Synonyms**
IL-15 R alpha; CD215; IL-15RA; MGC104179

## Product Information

| Source | Purification |
|---|---|
| HEK293 cells | > 95% as determined by Tris-Bis PAGE> 95% as determined by HPLC |

**Endotoxin**
Less than 1EU per μg by the LAL method.

**Formulation**

**Reconstitution**
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact


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## Background

Interleukin-15 receptor alpha (IL-15R alpha) is a high affinity IL-15 binding protein that is crucial for mediating IL-15 functions such as memory CD8 T cell proliferation and NK, NK/T cell, and intestinal intraepithelial lymphocyte development.

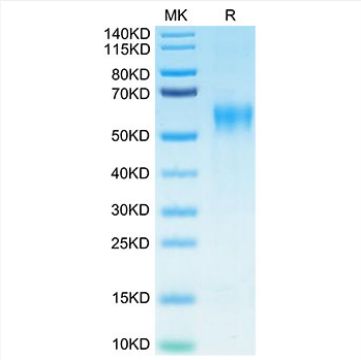
## Basic Information

**Description**
Recombinant Biotinylated Human IL-15RA/IL-15 R alpha/CD215 Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal.It contains Ile31-Thr205.

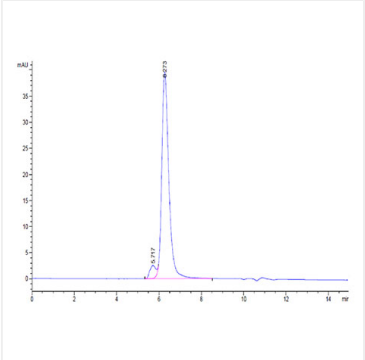
**Bio-Activity**

**Storage**
Store the lyophilized protein at -20°C to -80°C for long term.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

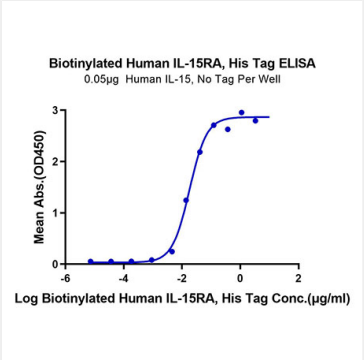
## Validation Data




Biotinylated Human IL-15RA on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human IL-15RA is greater than 95% as determined by SEC-HPLC.




Immobilized Human IL-15 at 0.5μg/ml (100μl/Well) on the plate. Dose response curve for Biotinylated Human IL-15RA, His Tag with the $EC_{50}$ of 18.1ng/ml determined by ELISA.