

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

HEK293 cells

Purification

> 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 vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (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

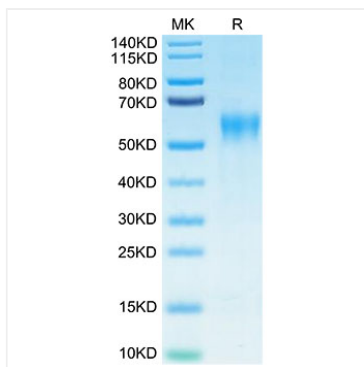
Storage

Store the lyophilized protein at -20°C to -80°C for long term.

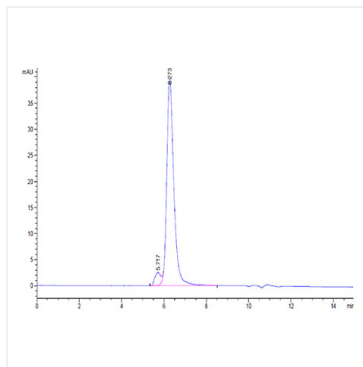
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

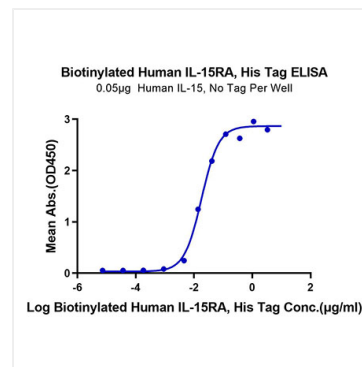
Validation Data



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 EC₅₀ of 18.1ng/ml determined by ELISA.