

# Recombinant Human IL-15RA/CD215 Protein

Catalog No.: RP01192 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	3601	Q13261

### Tags

C-hFc&His

### Synonyms

IL15RA;CD215

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
48.40 kDa	75-90 kDa

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial 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

## Basic Information

### Description

Recombinant Human IL-15RA/CD215 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Thr205) of human IL-15R alpha/CD215 (Accession #NP\_002180.1) fused with a Fc, 6×His tag at the C-terminus.

### Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant Human IL15 at 2 μg/mL (100 μL/well) can bind recombinant Human IL-15R alpha, the EC<sub>50</sub> of Human IL-15R alpha is 178.9 ng/mL.

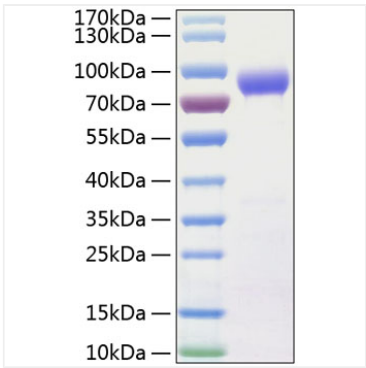
### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

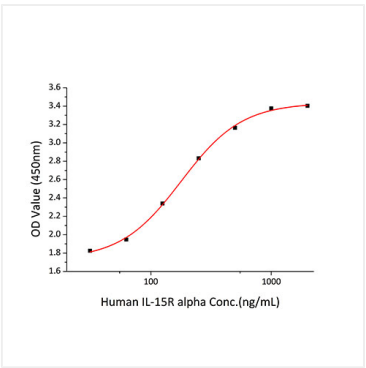
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human IL-15RA/CD215 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 75-90 kDa.



Immobilized recombinant Human IL15 at 2µg/mL (100µL/well) can bind recombinant Human IL-15R alpha, the EC<sub>50</sub> of Human IL-15R alpha is 178.9ng/mL.