

# Recombinant Human IL-10RA/CD210 Protein

Catalog No.: RP01648 Recombinant

# **Sequence Information**

Species Gene ID Swiss Prot Human 3587 013651

**Tags** 

C-Rabbit Fc

**Synonyms** 

CD210; IL10R; CD210a; CDW210A; HIL-10R; IL-10R1;IL10RA

# **Product Information**

**Source** Purification HEK293 cells ≥ 90 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

50.03 kDa 70-80 kDa

### **Endotoxin**

< 0.1 EU/ $\mu$ g of the protein by LAL method.

### **Formulation**

Lyophilized from a  $0.22 \mu m$  filtered solution of PBS, pH 7.4.

#### 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 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**

IL10RA (Interleukin 10 Receptor Subunit Alpha, also known as CD210) is a Protein Coding gene. The protein encoded by this gene is a receptor for interleukin 10. Two transcript variants, one protein-coding, and the other, not protein-coding have been found for this gene. CD210 belongs to the type II cytokine receptor family. This protein is structurally related to interferon receptors. It has been shown to mediate the immunosuppressive signal of interleukin 10, and thus inhibits the synthesis of proinflammatory cytokines.

# **Basic Information**

### Description

Recombinant Human IL-10RA/CD210 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (His22-Asn235) of human IL-10 R alpha (Accession #NP\_001549.2) fused with and a RaFc tag at the C-terminus.

### **Bio-Activity**

Measured by its binding ability in a functional ELISA.Immobilized Human IL10 (Catalog: RP00093) at 2  $\mu$ g/mL (100  $\mu$ L/well) can bind Human IL10RA (Catalog: RP01648) with a linear range of 0.1-2.9 ng/mL.

### **Shipping**

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

#### Storage

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

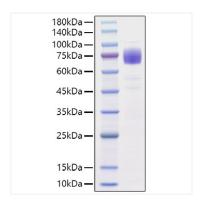
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

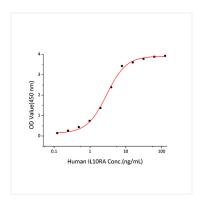
### **Operational Notes**

For your safety and health, please wear a lab coat and disposable gloves for handling.

# **Validation Data**



Recombinant Human IL-10RA/CD210 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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