

RP01648

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Recombinant Human IL-10RA/CD210 Protein

Catalog No.: RP01648

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	3587	Q13651

Tags

C-Rabbit Fc

Synonyms

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

Product Information

Source

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.

Purification

≥ 90 % as determined by SDS-PAGE.

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.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of

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 μg/mL (100 μL/well) can bind Human IL10RA (Catalog: RP01648) with a linear range of 0.1-2.9 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

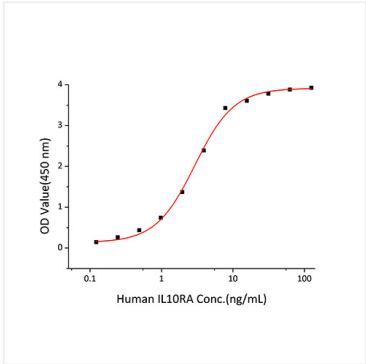
0.1-0.5 mg/mL in sterile distilled water.
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Contact

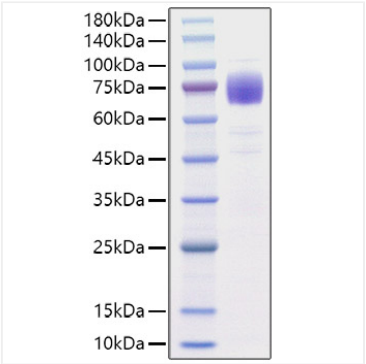


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Validation Data



Immobilized Human IL10 (Catalog: RP00093) at 2 µg/mL (100 µL/well) can bind Human IL10RA (Catalog: RP01648) with a linear range of 0.1-2.9 ng/mL.



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