Recombinant Human IL-10RA/CD210 Protein

Catalog No.: RP01647

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Sequence Information

Species
Human

Gene ID
3587

Swiss Prot
Q13651

Tags
C-hFC

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

Product Information

Source
HEK293 cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
50.35 kDa

Observed MW
Approximately 75 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.

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.

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 hFc tag at the C-terminus.

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: RP01647) with a linear range of 0.1-8.7 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.

Storage
Store at -20℃

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

Contact

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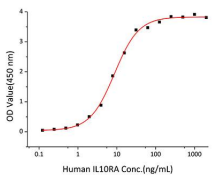
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



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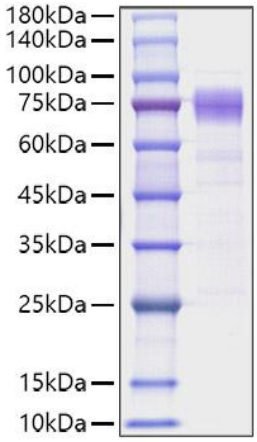

Recombinant Human IL-10RA/CD210 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.