

Human IL10RB / IL-10RB (His & Fc Tag) recombinant protein



Catalog Number: 500728

General Information

Gene Name Synonym

Cytokine receptor class-II member 4; Cytokine receptor family 2 member 4; Interleukin-10 receptor subunit 2

Protein Construction

DNA sequence encoding the extracellular domain (Met 1-Ser 220) of human IL10R β (NP_000619.3) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized human IL28B at 20 μ g/ml (100 μ l/well) can bind human IL10RB-Fc with a linear range of 3.125-25 μ g/ml.

Purity

> 92 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met 20

Molecular Mass

The recombinant human IL10R β /Fc is a disulfide-linked homodimer. The reduced monomer consists of 449 amino acids and has a predicted molecular mass of 51.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhIL10R β /Fc monomer is approximately 75-85 kDa due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

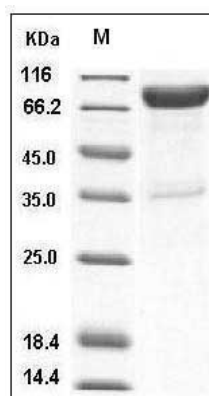
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human IL10R β Protein (His & Fc Tag) SDS-PAGE