

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



Catalog Number: 503518

## General Information

### Gene Name Synonym

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

### Protein Construction

A DNA sequence encoding the extracellular domain of human IL10R $\beta$  (NP\_000619.3) (Met 1-Ser 220) was expressed, fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ 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 $\beta$  comprises 212 amino acids and has a predicted molecular mass of 25 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhIL10R $\beta$  is approximately 45-48 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

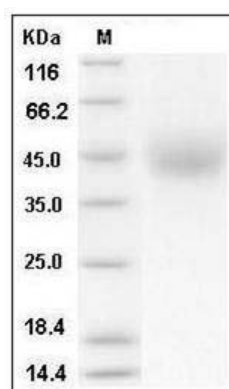
### Storage

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 $\beta$  Protein (His Tag) SDS-PAGE