

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



Catalog Number: 501797

## General Information

### Gene Name Synonym

Interleukin 10 receptor, beta; Interleukin 10 receptor, beta, isoform CRA\_a; Interleukin-10 receptor subunit beta

### Protein Construction

A DNA sequence encoding the extracellular domain of mouse IL10RB (NP\_032375.2) (Met 1-Ser 222) was expressed, with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Immobilized mouse IL10RB-His at 10 µg/ml (100 µl/well) can bind biotinylated human IL28B-His (Cat:500592), The EC<sub>50</sub> of biotinylated human IL28B-His (Cat:500592) is 0.13-0.31 µg/ml.

### Purity

> 98 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg 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 22

### Molecular Mass

The secreted recombinant mouse IL10RB comprises 212 amino acids and has a calculated molecular mass of 25 kDa. As a result of glycosylation, the apparent molecular mass of rmIL10RB is approximately 35-45 kDa in SDS-PAGE under reducing conditions.

### 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

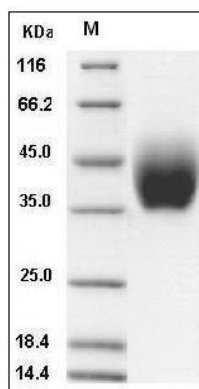
### Storage

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



Mouse IL10RB / IL10R2 Protein (His Tag) SDS-PAGE