

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



Catalog Number: 503473

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 fused with the Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 92 % 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 Fc is a

disulfide-linked homodimer. The reduced monomer comprises 442 amino acids and has a calculated molecular mass of 50.5 kDa. As a result of glycosylation, the apparent molecular mass of rm IL10RB/Fc monomer is approximately 65-75 kDa in SDS-PAGE under reducing conditions.

Formulation

- Lyophilized from sterile PBS, pH 7.4
- 5 % trehalose and mannitol are added as protectants before lyophilization.
 - Please contact us for any concerns or special requirements.

Usage Guide

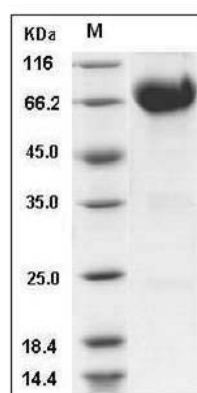
Storage

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 (Fc Tag) SDS-PAGE