

# Mouse IL11RA/IL-11RA (His Tag) recombinant protein



Catalog Number: 502736

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain of mouse IL11R $\beta$  (NP\_001156873.1) (Met 1-Gln 367) was expressed, with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to bind mouse IL6ST in a functional ELISA.

### Purity

> 85 % 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

Ser 24

### Molecular Mass

The secreted recombinant mouse IL11R $\beta$  consists

of 355 amino acids and has a calculated molecular mass of 39.2 kDa. As a result of glycosylation, the apparent molecular mass of rmIL11R $\beta$  is approximately 45-50 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

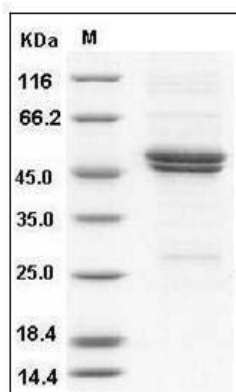
Store it under sterile conditions at -20°C to -80°C.

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 IL11RA / IL11R $\beta$  Protein (His Tag) SDS-PAGE