

# Mouse IL13RA1/IL-13RA1 (His Tag) recombinant protein



Catalog Number: 503543

## General Information

### Gene Name Synonym

Interleukin-13-binding protein; Novel cytokine receptor 4

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Thr 340) of mouse IL13R $\beta$ 1 (NP\_598751.3) precursor was fused with the a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 98 % 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

Ala 26

### Molecular Mass

The recombinant mouse IL13R $\beta$ 1 consists of 326 amino acids after removal of the signal peptide and has a predicted molecular mass of 37.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm IL13R $\beta$ 1 is approximately 50-55 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

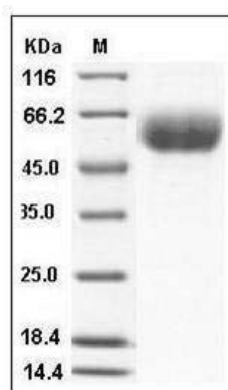
### Storage

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



Mouse IL13RA1 Protein (His Tag) SDS-PAGE