

# Mouse IL17BR / IL17RB / IL-17 Receptor B (His Tag) recombinant protein



Catalog Number: 502256

## General Information

### Gene Name Synonym

IL-17 receptor homolog 1; Interleukin-17B receptor

### Protein Construction

A DNA sequence encoding the mouse IL17BR (Q9JIP3-1) (Met1-Gly286) was expressed with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.

Immobilized mouse IL17BR-His (Cat:502256) at 10 µg/mL (100 µl/well) can bind rat Fc-IL25 (Cat:500018). The EC<sub>50</sub> of rat Fc-IL25 is 0.12-0.27 µg/mL.

### Purity

> 95 % 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

Arg18

### Molecular Mass

The recombinant mouse IL17BR comprises 280 amino acids and has a predicted molecular mass of 31.3 kDa. The apparent molecular mass of the protein is approximately 42 kDa in SDS-PAGE under reducing conditions 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

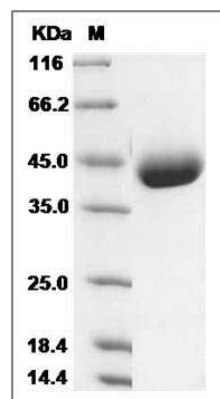
### Storage

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 IL17BR / IL17RB / IL-17 Receptor B Protein (His Tag) SDS-PAGE