

# Human IL17BR / IL17RB / IL-17 Receptor B (Fc Tag) recombinant protein



Catalog Number: 501590

## General Information

### Gene Name Synonym

Cytokine receptor-like 4; IL-17 receptor homolog 1; Interleukin-17B receptor

### Protein Construction

A DNA sequence encoding the human IL17BR (NP\_061195.2) (Met1-Gly289) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

1. Measured by its binding ability in a functional ELISA.
  2. Immobilized human IL17BR-Fc at 10µg/mL (100µL/well) can bind biotinylated human Fc-IL25 (Cat:501585).
- The EC<sub>50</sub> of human Fc-IL25 (Cat:501585) is 4.5-10.4ng/mL.

### Purity

> 85 % 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

Arg 18

## Molecular Mass

The recombinant human IL17BR/Fc is a disulfide-linked homodimer. The reduced monomer comprises 513 amino acids and has a predicted molecular mass of 56.9 kDa. The apparent molecular mass of the protein is approximately 67 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

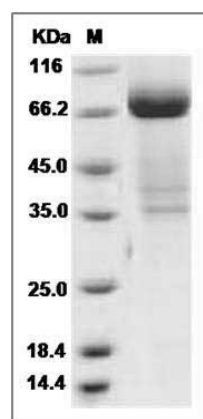
### Storage

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



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