

# Mouse IL-17R/IL-17RA ?CD217? (His Tag) recombinant protein



Catalog Number: 501863

## General Information

### Protein Construction

A DNA sequence encoding the mouse IL17RA (NP\_032385.1) extracellular domain (Met 1-Trp 322) was fused with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized recombinant human IL17A at 2 µg/ml (100 µl/well) can bind biotinylated mouse IL17RA with a linear range of 1.28-6.4 ng/ml.

### Purity

> 98 % 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

Ser 32

### Molecular Mass

The secreted recombinant mouse IL17RA consists of 302 amino acids and has a predicted molecular mass of 34.8 kDa. As a result of glycosylation, the apparent molecular mass of rmIL17RA is approximately 55-60 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

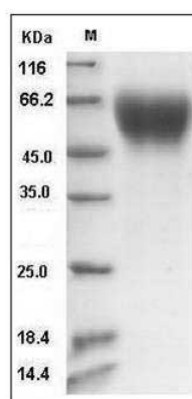
Store it under sterile conditions at -20°C to -80°C.

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 IL17RA / IL17R / CD217 Protein (His Tag)  
SDS-PAGE