

# Rat IL-17R/IL-17RA ?CD217? (Fc Tag) recombinant protein



Catalog Number: 501911

## General Information

### Protein Construction

A DNA sequence encoding the rat IL17RA (NP\_001101353.2)(Met1-Pro320) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.  
Immobilized mouse IL17A (Cat:503385) at 10 µg/ml (100 µl/well) can bind Rat IL17RA (cat:501911). The  $EC_{50}$  of RatIL17RA (cat:501911) is 12.0-29.0 ng/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

Ser 32

### Molecular Mass

The recombinant rat IL17RA/Fc is a disulfide-linked homodimer. The reduced monomer comprises 530 amino acids and has a predicted molecular mass of 59.7 kDa. The apparent molecular mass of the protein is approximately 68-102 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

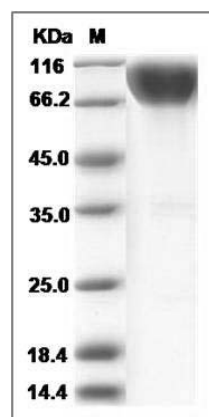
### Storage

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



Rat IL17RA / IL17R Protein (Fc Tag) SDS-PAGE