

# Rat IL-17F (His Tag) recombinant protein



Catalog Number: 501248

## General Information

### Protein Construction

A DNA sequence encoding the rat Il17f (NP\_001015011.1) (Met1-Ala153) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Rat

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized rat IL17F-His at 10 µg/mL (100 µL/well) can bind Rat IL17RA-Fc3 (Cat:501911). The EC<sub>50</sub> of Rat IL17RA-Fc3 (Cat:501911) is 0.28-0.66 µg/mL.

### Purity

> 90 % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg 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 19

## Molecular Mass

The recombinant rat Il17f consists 145 amino acids and predicts a molecular mass of 16.4 kDa.

### Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, 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

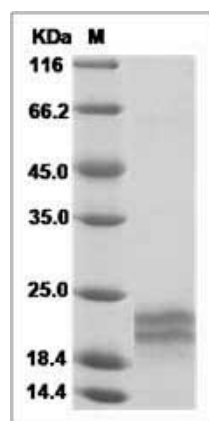
### Storage

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 IL17F / IL-17F Protein (His Tag) SDS-PAGE