

# Recombinant Mouse IL-17F Protein

Catalog No.: RP01147

Recombinant

1 Publications

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	257630	Q7TNI7

### Tags

C-His

### Synonyms

IL17F; IL24; ML-1; Interleukin-17F; IL17F

## Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

**Calculated MW**   **Observed MW**

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

## Basic Information

### Description

Recombinant Mouse IL-17F Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Ala161) of mouse IL-17F (Accession #NP\_665855.2) fused with a 6×His tag at the C-terminus.

### Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant Mouse IL-17F at 2 μg/mL (100 μL/well) can bind recombinant Mouse IL17RA with a linear range of 31.25-163 ng/mL.

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Storage

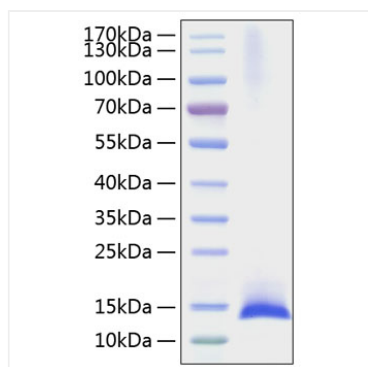
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

### Operational Notes

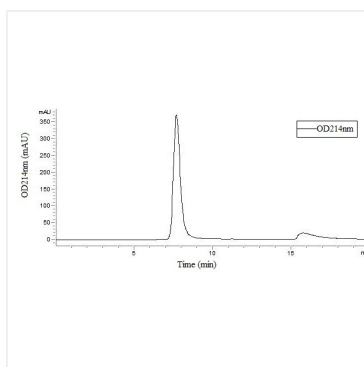
For your safety and health, please wear a lab coat and disposable gloves for handling.



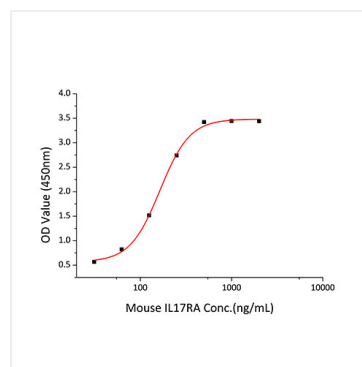
## Validation Data



Recombinant Mouse IL-17F Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of Recombinant Mouse IL-17F Protein is greater than 95% as determined by SEC-HPLC.



Immobilized recombinant Mouse IL-17F at 2 $\mu$ g/mL (100 $\mu$ L/well) can bind recombinant Mouse IL17RA with a linear range of 31.25-163ng/mL.