

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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✉ | cn.market@abclonal.com.cn

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

1. Immobilized recombinant Mouse IL-17F at 2μg/mL (100μL/well) can bind recombinant Mouse IL17RA with a linear range of 31.25-163ng/mL. 2. Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presence of 2 ng/mL TNFα (Catalog: RP01071). The ED₅₀ for this effect is 10.18-140.72 ng/mL, corresponding to a specific activity of 2.46×10⁴~9.82×10⁴ units/mg.

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.

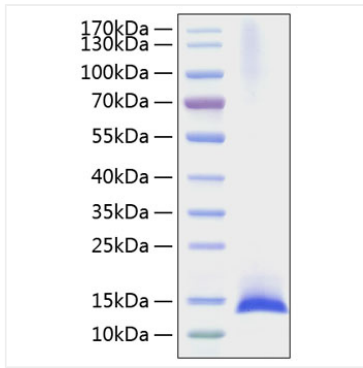
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

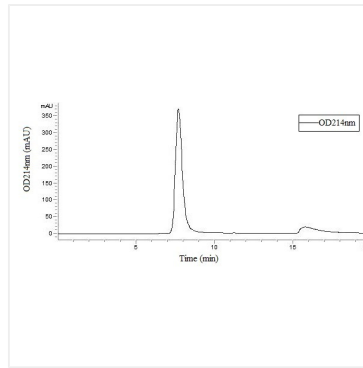
Operational Notes

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

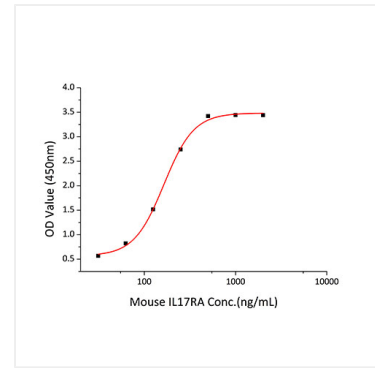
Validation Data



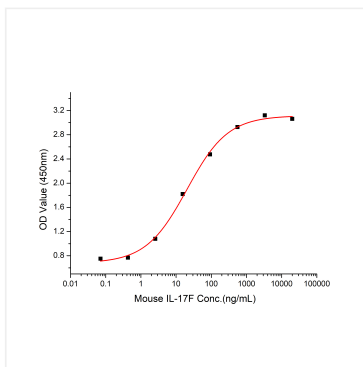
Recombinant Mouse IL-17F Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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



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



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