

Recombinant Human IL-17F Protein

Catalog No.: RP00870 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	112744	Q96PD4

Tags

N-His

Synonyms

IL17F;CANDF6;IL-17F;ML-1;ML1

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
15.76 kDa	18-20 kDa

Endotoxin

< 0.01 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB,150mM NaCl,pH7.4.Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Contact

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Background

Basic Information

Description

Recombinant Human IL-17F Protein is produced by Human cells expression system. The target protein is expressed with sequence (Arg31-Gln163) of human IL-17F (Accession #Q96PD4) fused with a His tag at the N-terminus.

Bio-Activity

Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presense of 2 ng/mL TNFα(Catalog: RP01071). The ED₅₀ for this effect is 3.51-14.04 ng/mL, corresponding to a specific activity of 7.12×10⁴^c

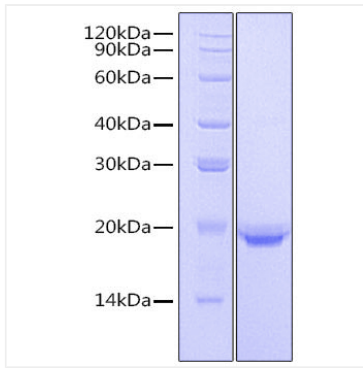
Storage

Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

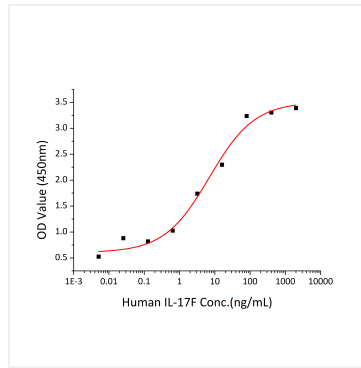
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



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



Recombinant Human IL-17F Protein induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presence of 2 ng/mL TNF α (Catalog: RP01071). The ED₅₀ for this effect is 3.51-14.04 ng/mL, corresponding to a specific activity of $7.12 \times 10^4 \sim 2.85 \times 10^5$ units/mg.