

## General Information

### Gene Name Synonym

Cytokine ML-1

### Protein Construction

A DNA sequence encoding human IL17F (AAH70124.1) (Arg31-Gln163) was expressed with a N-terminal Met.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured by its ability to induce IL-6 secretion by HFF human foreskin fibroblast cells.

The ED<sub>50</sub> for this effect is typically 0.1-0.6 µg/mL.

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

## Molecular Mass

The recombinant human IL17F consists of 134 amino acids and predicts a molecular mass of 15.1 KDa. It migrates as an approximately 15 KDa band in SDS-PAGE under reducing conditions.

## 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

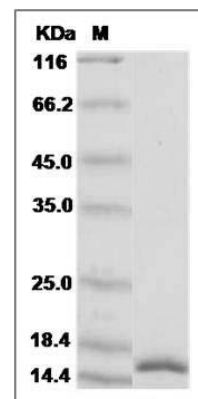
Store it under sterile conditions at -20°C to -80°C.

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



Human IL-17F / IL17F Protein SDS-PAGE