

Datasheet for ABIN6700895

**IL17F Protein****1** Image[Go to Product page](#)

## Overview

Quantity:	25 µg
Target:	IL17F
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Purpose:	IL-17F Rat Recombinant Protein
Purification:	Purity was determined to be greater than 98% as determined by analysis by RP-HPLC and by reducing and non-reducing SDS-PAGE.
Purity:	98,00%
Endotoxin Level:	Measured by LAL is typically $\leq 1$ EU/µg protein.
Biological Activity Comment:	IL-17F activity is determined by the dose-dependent induction of IL-6 production in cultured mouse NIH 3T3 fibroblasts and is typically 10-20 ng/mL.

## Target Details

Target:	IL17F
Alternative Name:	Il17f ( <a href="#">IL17F Products</a> )
Background:	Synonyms: Interleukin-17F cytokine, IL-17F, Interleukin-24, IL-24, Cytokine ML-1 Background: Recombinant Rat IL-17F produced in E.coli is a homodimeric, non-glycosylated

## Target Details

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polypeptide chain containing a total of 133 amino acids and having a molecular mass of 14.9 kDa. Homodimeric interleukin-17F is a member of the IL-17 family of six homodimeric proteins (IL-17A-17F). Activity studies reveal IL-17A to be the most potent, followed by IL-17A/F and IL-17F 100 fold lower than IL-17A.

UniProt: [Q5BJ95](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Endopeptidase Activity](#)

## Application Details

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Application Notes: Other: User Optimized  
Application\_Note: IL-17F protein has been tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-IL-17F in immunological assays.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Reconstitution\_Buffer: Restore with deionized water (or equivalent)  
Reconstitution\_Volume: 25 µL (25-250 µL)

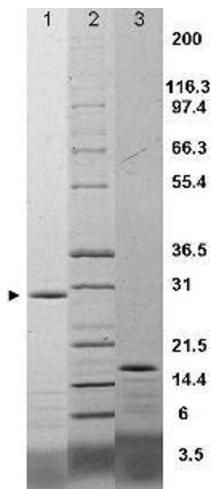
Buffer: Buffer: 0.1 % Trifluoroacetic acid  
Stabilizer: None

Preservative: Without preservative

Storage: 4 °C, -20 °C

Storage Comment: Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL) . For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.

Expiry Date: 6 months



### SDS-PAGE

**Image 1.** IL-17F Rat Recombinant Protein - SDS-PAGE. SDS-PAGE using Recombinant Rat IL-17F Protein shows bands corresponding to IL-17F (1 $\mu$ g) in lane 1 (unreduced, arrowhead) and lane 3 (reduced). Molecular weight estimation was made by comparison to prestained MW markers, lane 2.