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Datasheet for ABIN7318652

## IL17F Protein

### Overview

Quantity:	50 µg
Target:	IL17F
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant Human Interleukin-17F/IL-17F Protein
Sequence:	Arg31-Gln163
Characteristics:	Recombinant Human Interleukin-17F is produced by our Mammalian expression system and the target gene encoding Arg31-Gln163 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	IL17F
Alternative Name:	Interleukin-17F/IL-17F ( <a href="#">IL17F Products</a> )
Background:	Background: Interleukin-17F (IL-17F) exists in a disulfide-linked heterodimer that belongs to the IL-17 family. IL-17F is expressed in activated, but not resting, CD4+ T-cells and activated monocytes. IL-17F has been shown to stimulate the production of several other cytokines, including IL-6, IL-8, and granulocyte colony-stimulating factor. IL-17F can regulate cartilage

## Target Details

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matrix turnover and stimulates PBMC and T-cell proliferation. IL-17F is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1. Defects in IL-17F are the cause of familial candidiasis type 6 (CANDF6).

Synonym: Interleukin-17F, IL-17F, Cytokine ML-1, Interleukin-24, IL-24, IL17F, IL24

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Molecular Weight: 14.9 kDa

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UniProt: [Q96PD4](#)

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

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.