

Datasheet for ABIN7320578

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

## Overview

Quantity:	50 µg
Target:	IL17F
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL17F protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse Interleukin-17F/IL-17F Protein (His Tag)
Sequence:	Arg29-Ala161
Characteristics:	Recombinant Mouse Interleukin-17F is produced by our Mammalian expression system and the target gene encoding Arg29-Ala161 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by 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. Mouse and human IL-17F share 55 % sequence identity. IL-17F has been shown to

## Target Details

stimulate the production of several other cytokines, including IL-6, IL-8, and granulocyte colony-stimulating factor. IL-17F can regulate cartilage 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

Molecular Weight:	15.9 kDa
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UniProt:	<a href="#">Q7TNI7</a>
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Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

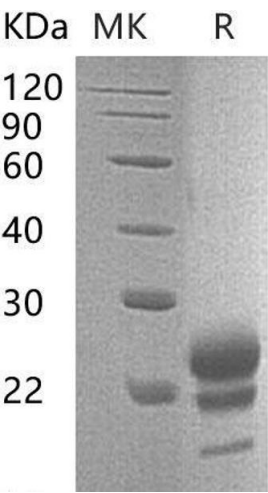
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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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.
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Western Blotting

Image 1.