

Datasheet for ABIN7318653 IL17F Protein (His tag)



[Go to Product page](#)

Overview

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

Product Details

Purpose:	Recombinant Human Interleukin-17F/IL-17F Protein (His Tag)(Active)
Sequence:	Arg31-Gln163
Characteristics:	Recombinant Human Interleukin-17F is produced by our Mammalian expression system and the target gene encoding Arg31-Gln163 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 21.87 ng/ml.

Target Details

Target:	IL17F
---------	-------

Target Details

Alternative Name:	Interleukin-17F/IL-17F (IL17F Products)
Background:	<p>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 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).</p> <p>Synonym: Interleukin-17F, IL-17F, Cytokine ML-1, Interleukin-24, IL-24, IL17F, IL24</p>
Molecular Weight:	16.0 kDa
UniProt:	Q96PD4
Pathways:	Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Endopeptidase Activity

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

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.