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# Recombinant human IL-17F protein

Catalog Number: ATGP2215

# **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

31-163aa

#### UniProt No.

096PD4

#### **NCBI Accession No.**

NP 443104

#### **Alternative Names**

CANDF6, IL-17F, Interleukin-17F, Interleukin-2, Macrophagleukin-17F, ML-1

# PRODUCT SPECIFICATION

### **Molecular Weight**

17.6 kDa (158aa)

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing, 10% glycerol, 0.4M urea

#### **Purity**

> 85% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE, Denatured

# **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **Description**

IL17F is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2/GM\_CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1. Recombinant human IL17F protein, fused to His-tag at N-terminus, was expressed in E. coli.



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# **Amino acid Sequence**

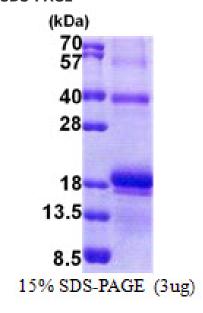
<MGSSHHHHHH SSGLVPRGSH MGSHM>RKIPK VGHTFFQKPE SCPPVPGGSM KLDIGIINEN QRVSMSRNIE SRSTSPWNYT VTWDPNRYPS EVVQAQCRNL GCINAQGKED ISMNSVPIQQ ETLVVRRKHQ GCSVSFQLEK VLVTVGCTCV TPVIHHVQ

## **General References**

Starnes T., Robertson M.J. et al. (2001). J. Immunol. 167:4137-4140. Puel A., Cypowyj S., Bustamante J. et al. (2011). Science 332:65-68

# **DATA**

## **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

