

Recombinant human IL-17F protein

Catalog Number: ATGP2215

PRODUCT INFORMATION

Expression system

E.coli

Domain

31-163aa

UniProt No.

Q96PD4

NCBI Accession No.

NP_443104

Alternative Names

CANDF6, IL-17F, Interleukin-17F, Interleukin-2, Macrophagoleukin-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.

Recombinant human IL-17F protein

Catalog Number: ATGP2215

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGSHM>RKIPK VGHTFFQKPE SCPPVPGGSM KLDIGIINEN QRVSMRNIE
SRSTSPWNYT VTWDPNRYPS EVVQAQCRNL GCINAQKED ISMNSVPIQQ ETLVVRKHQ GCSVSFQLEK VLVTVGCTCV
TPVIHHVQ

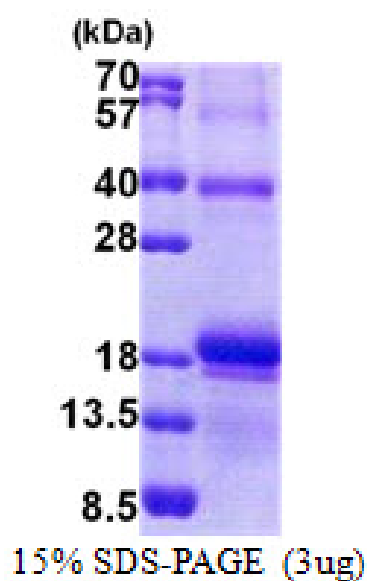
General References

Starnes T., Robertson M.J. et al. (2001). J. Immunol. 167:4137-4140.

Puel A., Cypowij 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.