

## Recombinant Human interleukin 17F, His-tagged

Cat. No. IL17F-261H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	IL17F, 31-163aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	31-163 a.a.
<b>Description</b>	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 .
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing, 10% glycerol, 0.4M Urea
<b>Molecular Mass</b>	17.6kDa (158aa)
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGS HMRKIPK VGHTFFQKPE SCPPVPGGSM KLDIGIINEN QRVMSRNIE SRSTSPWNYT VTWDPNRYPS EVVQAQCRNL GCINAQGKED ISMNSVPIQQ ETLVRRKHQ GCSVSFQLEK VLVTVGCTCV TPVIHHVQ
<b>Purity</b>	>85% by SDS - PAGE

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**Storage** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 1 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** IL17F interleukin 17F [ Homo sapiens ]

**Official Symbol** IL17F

**Synonyms** IL17F; interleukin 17F; interleukin-17F; IL 17F; ML 1; ML1; IL-24; cytokine ML-1; mutant IL-17F; interleukin-24; ML-1; CANDF6; IL-17F;

**Gene ID** 112744

**mRNA Refseq** NM\_052872

**Protein Refseq** NP\_443104

**MIM** 606496

**UniProt ID** Q96PD4

**Chromosome Location** 6p12

**Pathway** IL23-mediated signaling events, organism-specific biosystem;

**Function** cytokine activity; cytokine binding; protein homodimerization activity;

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