

Recombinant Human interleukin 17F, His-tagged

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

SPECIFICATION

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