

# Recombinant Human IL17F Protein (31-163aa), C-His-Tagged

## Product Information

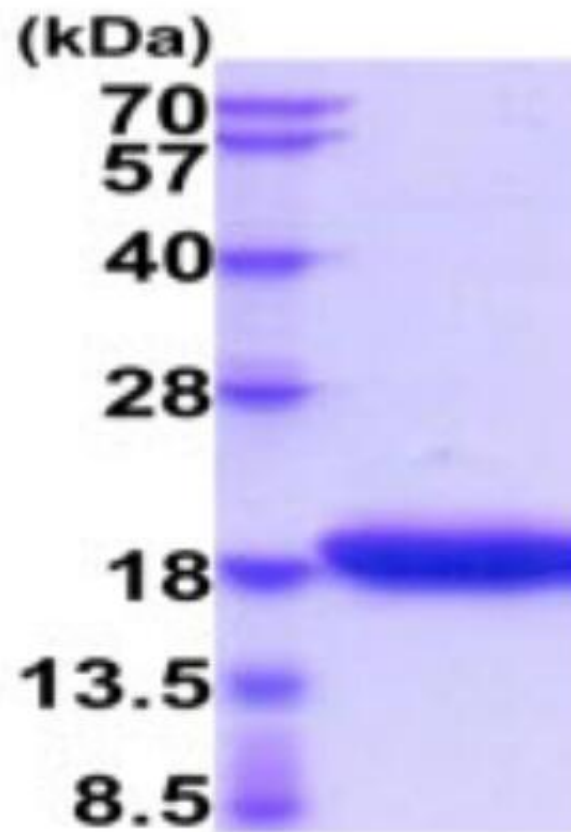
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<b>Cat</b>	IMP-9439
<b>Official Symbol</b>	IL17F
<b>Product Overview</b>	Recombinant human IL17F protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
<b>Description</b>	IL17F, also known as Interleukin-17F, is a cytokine that shares sequence similarity with IL17. It is expressed in activated CD4+ T-cells and activated monocytes. The biological activities mediated by IL17F are similar to those of IL-17. This protein stimulates production of IL-6, IL-8, G-CSF, and regulates cartilage matrix turnover by increasing matrix release and inhibiting new matrix synthesis. It also inhibits angiogenesis and induces production of IL-2, TGF-beta, and monocyte chemoattractant protein-1 in endothelial cells.
<b>Expression System</b>	Baculovirus
<b>Species</b>	Human
<b>Tag</b>	C-His
<b>Form</b>	Liquid in Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT
<b>Molecular Mass</b>	16 kDa (142 aa)
<b>Protein length</b>	31-163
<b>AA Sequence</b>	ADPRKIPKVGHTFFQKPESCPPVPGGSMKLDIGIINENQRVSMNRNIESRS TSPWNYTWTWDPNRYPSSEVVQAQCRNLGCINAQGKEDISMNSVPIQQET LVVRRKHQGCVSFQLEKVLVTVGCTCVTPVIHHVQHHHHHH
<b>Endotoxin</b>	< 1 EU/μg of protein (determined by LAL method)
<b>Purity</b>	> 95% by SDS-PAGE
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Note: For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
<b>Storage</b>	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.

**Concentration**

0.5 mg/mL (determined by absorbance at 280nm)

**SDS-PAGE**



**15% SDS-PAGE (3ug)**

**3  $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.**