

## HUMAN IL17F PROTEIN, HIS TAG

**Cat.#:** 11829

**Product Name:** Human IL17F Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** CANDF6;IL-17F;ML-1;ML1

**Target:** IL17F

**UNIPROT ID:** Q96PD4

**Description:** Recombinant Human IL17F Protein with N-terminal 6xHis tag

**Background:** The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 15.7 kDa after removal of the signal peptide. The apparent molecular mass of His-IL17F is approximately 15-25 kDa due to glycosylation.

**Molecular Characterization:** 6×His tag IL17F(Arg31-Gln163)

**Purity:** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Figure 1. Human IL17F Protein, His Tag on SDS-PAGE under reducing condition.