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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

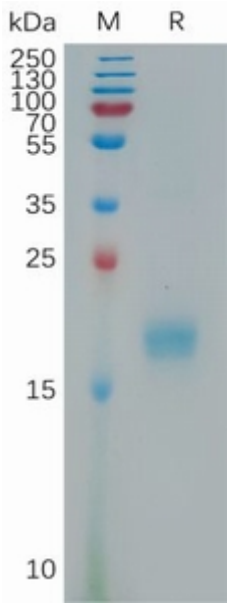


Figure 1. Human IL17F Protein, His Tag on SDS-PAGE under reducing condition.