

## HUMAN IL17B PROTEIN, HFC TAG

**Cat.#:** 11655

**Product Name:** Human IL17B Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** IL-17B;Cytokine Zcyto7;IL-20

**Target:** IL17B

**UNIPROT ID:** Q9UHF5

**Description:** Recombinant human IL17B protein with C-terminal human Fc tag

**Background:** The protein encoded by this gene is a T cell-derived cytokine that shares sequence similarity with IL17. This cytokine was reported to stimulate the release of TNF alpha (TNF) and IL1 beta (IL1B) from a monocytic cell line. Immunohistochemical analysis of several nerve tissues indicated that this cytokine is primarily localized to neuronal cell bodies. Alternative splicing results in multiple splice variants. [provided by RefSeq, Dec 2015]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 44.3 kDa after removal of the signal peptide. The apparent molecular mass of IL17B-hFc is approximately 35-55 kDa due to glycosylation.

**Molecular Characterization:** IL17B(Gln21-Phe180) hFc(Glu99-Ala330)

**Purity:** The purity of the protein is greater than 95% 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.

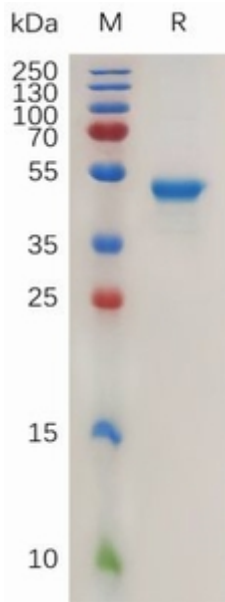


Figure 1. Human IL17B Protein, hFc Tag on SDS-PAGE under reducing condition.