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.

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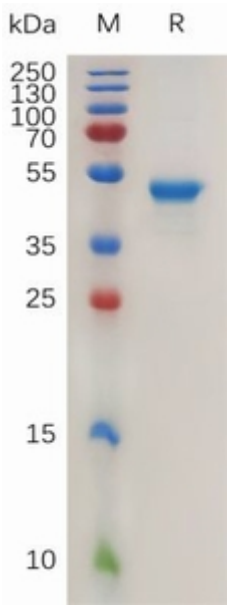

Figure 1. Human IL17B Protein, hFc Tag on SDS-PAGE under reducing condition.

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