HUMAN IL17RB PROTEIN, HFC TAG

Cat.#: 11618

Product Name: Human IL17RB Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CRL4;EVI27;IL17BR;IL17RH1

Target: IL17RB

UNIPROT ID: Q9NRM6

Description: Recombinant human IL17RB protein with C-terminal human Fc tag

Background: The protein encoded by this gene is a cytokine receptor. This receptor specifically binds to IL17B and IL17E, but does not bind to IL17 and IL17C. This receptor has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. The expression of the rat counterpart of this gene was found to be significantly up-regulated during intestinal inflammation, which suggested the immunoregulatory activity of this receptor.

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 55.77 kDa after removal of the signal peptide.

Molecular Characterization: IL17RB (Arg18-Pro292) 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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