

Recombinant Human IL17B/IL-17B Protein (Fc Tag)

Catalog Number: PKSH033628

Note: Centrifuge before opening to ensure complete recovery of vial contents.

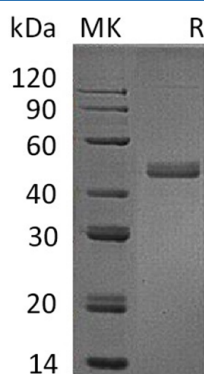
Description

Species	Human
Source	HEK293 Cells-derived Human IL17B/IL-17B protein Gln21-Phe180, with an C-terminal Fc
Calculated MW	45.1 kDa
Observed MW	48 kDa
Accession	Q9UHF5
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
	Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Interleukin-17B (IL-17B) is a member of IL-17 cytokines family that plays important roles in host defence responses and inflammatory diseases. In addition to IL-17B, members of the IL-17 family include IL-17A, IL-17C, IL-17D, IL-17E and IL-17F. The six IL-17 cytokines are highly conserved at C terminus, and contain five spatially conserved cysteine residues that mediate dimerization. Expression of IL-17B protein has been reported in neurons, testis, ovary, stomach, pancreas, small intestine and chondrocytes. IL-17B binds to Interleukine-17 receptor B (IL-17 RB) and induces the production of inflammatory cytokines and the infiltration of inflammatory immune cells.

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