

Recombinant Mouse IL-17B protein(His Tag)

Catalog Number:PKSM041494



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

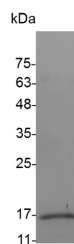
Description

Synonyms	TNFSF1B;Lymphotoxin-alpha (LT- α);LTalpha;Ltx;TNF-be;TNFSF1;Tnf;Tnfb;Tnfsf;Tnfsf 1b;Tnlg1e;h1b38;h1b382;lymph
Species	Mouse
Expression Host	E.coli
Sequence	His 21-Phe 180
Accession	Q9QXT6
Calculated Molecular Weight	19.0 kDa
Observed molecular weight	17-25 kDa
Tag	C-His
Bioactivity	Measure by its ability to induce IL-8 secretion in HepG2 cells. The ED ₅₀ for this effect is < 1.5 ng/mL.

Properties

Purity	> 98 % as determined by reducing SDS-PAGE.
Endotoxin	< 0.1 EU per μ g 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 sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 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



> 98 % 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

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Recombinant Mouse IL-17B protein(His Tag)

Catalog Number:PKSM041494



inflammatory cytokines and the infiltration of inflammatory immune cells.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Tel: 1-832-243-6086

Fax: 1-832-243-6017

Web: www.elabscience.com

Email: techsupport@elabscience.com