

Human IL-17B Protein, Fc Tag (MALS verified)

Catalog # ILB-H5257



Synonym

Interleukin-17B,Cytokine Zcyto7,Interleukin-20,IL-20,Neuronal interleukin-17-related factor,IL17B,IL20, NIRF, ZCYTO7

Source

Human IL-17B, Fc Tag(ILB-H5257) is expressed from human 293 cells (HEK293). It contains AA Gln 21 - Phe 180 (Accession # [Q9UHF5-1](#)). Predicted N-terminus: Gln 21

Molecular Characterization

IL-17B(Gln 21 - Phe 180) Q9UHF5-1	Fc(Pro 100 - Lys 330) P01857
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This protein carries a human IgG1 Fc tag at the C-terminus.
The protein has a calculated MW of 44.6 kDa. The protein migrates as 50-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Contact us for customized product form or formulation.

Reconstitution

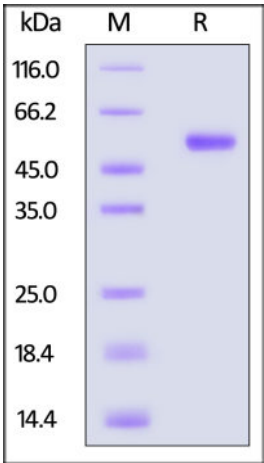
Please see Certificate of Analysis for specific instructions.
For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.
Please avoid repeated freeze-thaw cycles.

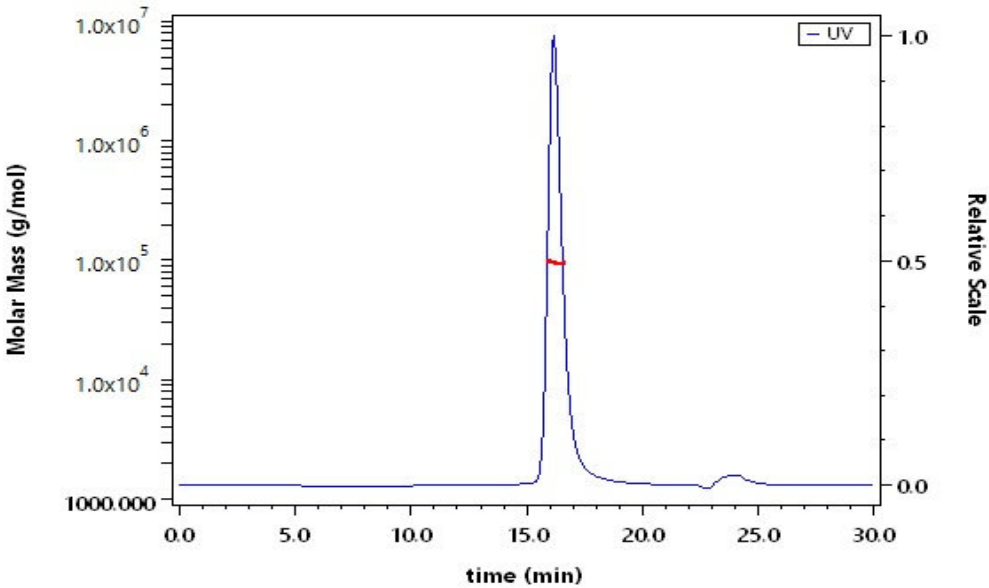
- This product is stable after storage at:
- 20°C to -70°C for 12 months in lyophilized state;
 - 70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Human IL-17B, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

SEC-MALS



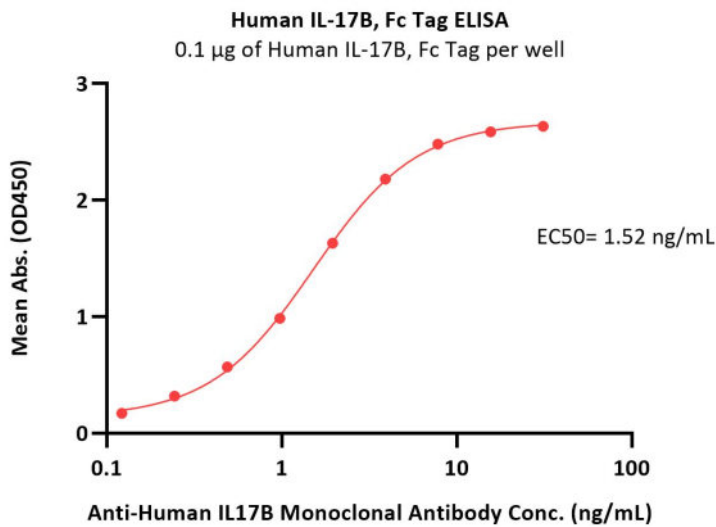
The purity of Human IL-17B, Fc Tag (Cat. No. ILB-H5257) is more than 85% and the molecular weight of this protein is around 90-105 kDa verified by SEC-MALS.
[Report](#)

Bioactivity-ELISA



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Immobilized Human IL-17B, Fc Tag (Cat. No. ILB-H5257) at 1 µg/mL (100 µL/well) can bind Anti-Human IL17B Monoclonal Antibody with a linear range of 0.1-2 ng/mL (Routinely tested).

Background

IL-17B is a member of IL17 family, was originally described as a proinflammatory cytokine. IL-17B is produced by neutrophils and potentiates TNF- α effect on the production of cytokines and chemokines, such as IL-6, G-CSF, and CCL20, known to control immune cell trafficking to inflamed tissues. Interestingly, although IL-17B and IL-17E (IL-25) share a common receptor, IL-17RB, IL-17B, and IL-17E deficiency lead to opposite results in a model of acute colitis induced by dextran sulfate sodium. IL-17B inhibits IL-17E binding to IL-17RA– IL-17RB complexes on epithelial cells, and limits IL-17E-induced IL-6 production by colon epithelial cells.

Discounts, Gifts,
and more!

