

Biotinylated Recombinant Human IL-17RA/CD217 Protein

Catalog No.: RP02396B

Sequence Information

Species	Gene ID
Human	23765
Swiss Prot	Tags
Q96F46	C-hFc&Avi

Synonyms

CANDF5, CD217, CDw217, IL-17RA, IL17R, IMD51, hIL-17R, IL17RA,CD217,CDw217,IL-17RA, IL17R,IMD51,hIL-17R

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW Observed MW

61.8 kDa 78-100 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Interleukin 17 (also known as CTLA-8) is a T cell-expressed pleiotropic cytokine. IL-17 binds to IL-17 receptor (IL-17 R) which shares no homology with any known family of receptors. While the expression of IL-17 is restricted to activated T cells, the IL-17 R mRNA exhibits a broad tissue distribution, and has been detected in virtually all cells and tissues tested. The human IL-17 R gene was localized to chromosome 22.

Basic Information

Description

Biotinylated Recombinant Human IL-17RA/CD217 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Leu33-Trp320) of Human IL-17RA/CD217 fused with a hFc and Avi tag at the C-terminal.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

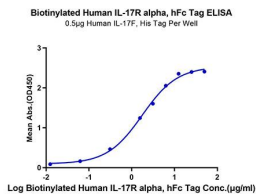
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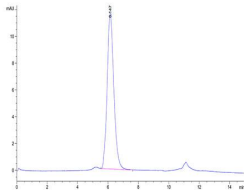
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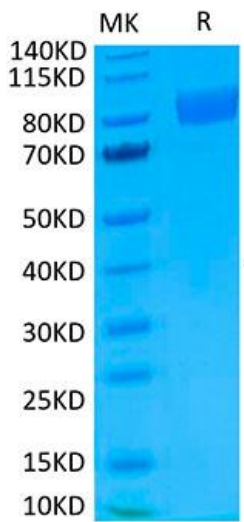
Validation Data



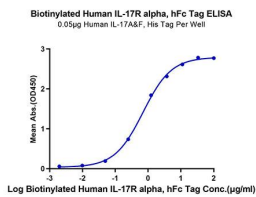
Immobilized Human IL-17F, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IL-17R alpha, hFc Tag with the EC₅₀ of 1.76 µg/ml determined by ELISA.



The purity of Biotinylated Human IL-17R alpha is greater than 95% as determined by SEC-HPLC.



Biotinylated Recombinant Human IL-17RA/CD217 Protein was determined by Tris-Bis PAGE under reducing conditions with Coomassie Blue.



Immobilized Human IL-17A&F, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IL-17R alpha, hFc Tag with the EC₅₀ of 0.70 µg/ml determined by ELISA.