

Datasheet for ABIN7274907
IL17RA Protein (Fc-Avi Tag,Biotin)

5 Images

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Overview

Quantity:	100 µg
Target:	IL17RA
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL17RA protein is labelled with Fc-Avi Tag,Biotin.

Product Details

Sequence:	Leu33-Trp320
Purity:	> 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	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 0.70µg/ml determined by ELISA. See testing image for detail.

Target Details

Target:	IL17RA
Alternative Name:	IL-17R alpha (IL17RA Products)
Background:	CD217, CDw217, IL-17RA, IL17R, CANDF5, IL-7R, IL-7R-alpha, ILRA,Interleukin 17 (also known as CTLA-8) is a T cell-expressed pleotropic cytokine. IL-17 binds to IL-17 receptor (IL-17 R)

Target Details

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.

Molecular Weight: 61.8 kDa. Due to glycosylation, the protein migrates to 78-100 kDa based on Tris-Bis PAGE result.

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

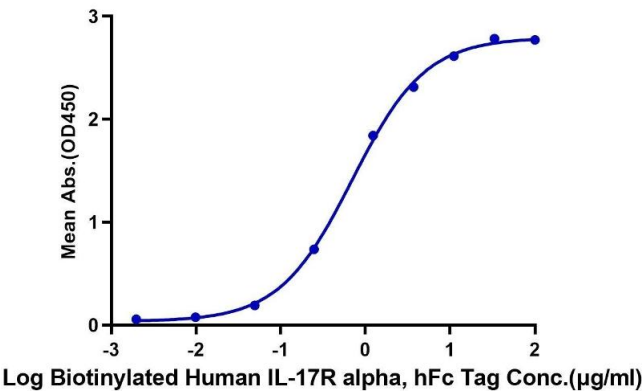
Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.

Storage: 4 °C,-80 °C

Storage Comment: Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

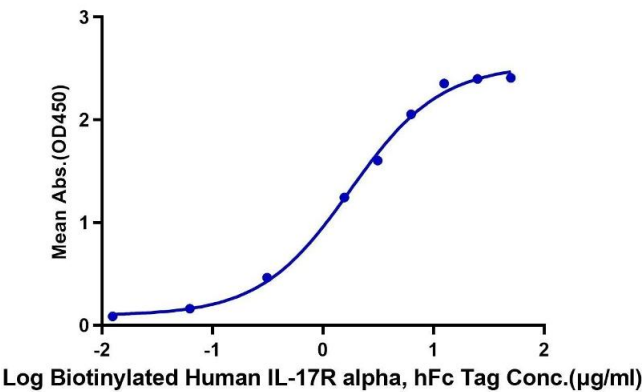
Biotinylated Human IL-17R alpha, hFc Tag ELISA
0.05µg Human IL-17A&F, His Tag Per Well



ELISA

Image 1. Immobilized Human IL-17A&F, His Tag at 0.5 µg/mL (100 µL/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.

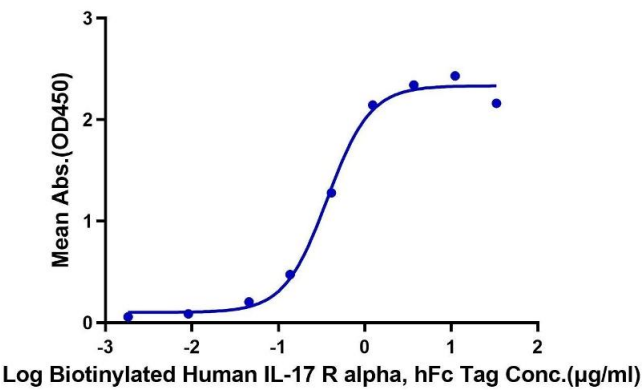
Biotinylated Human IL-17R alpha, hFc Tag ELISA
0.5µg Human IL-17F, His Tag Per Well



ELISA

Image 2. Immobilized Human IL-17F, His Tag at 5 µg/mL (100 µL/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.

Biotinylated Human IL-17 R alpha, Fc Tag ELISA
0.5µg Human IL-17A&F, His Tag Per Well



ELISA

Image 3. Immobilized Human IL-17A&F at 5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human IL-17R alpha, hFc Tag with the EC50 of 0.37 µg/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7274907.