

Datasheet for ABIN7275032  
**IL17RA Protein (His-Avi Tag,Biotin)**

## 4 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 His-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, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IL-17R alpha, His Tag with the EC50 of 30.1ng/ml determined by ELISA. See testing image for detail.

## Target Details

Target:	IL17RA
Alternative Name:	IL-17R alpha ( <a href="#">IL17RA Products</a> )
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: 36.4 kDa. Due to glycosylation, the protein migrates to 60-70 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.

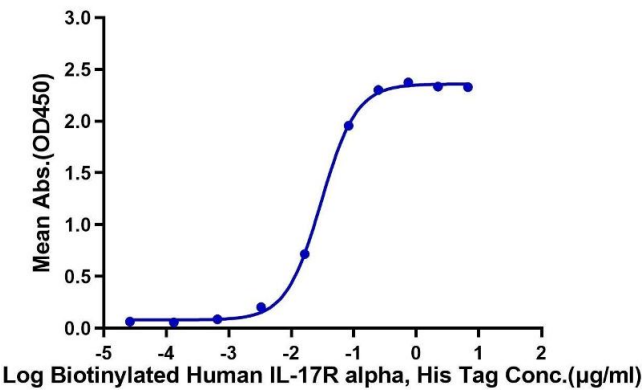
Buffer: Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.

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.

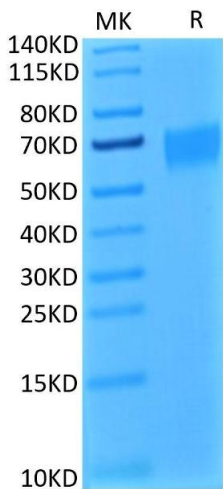
Expiry Date: 12 months

**Biotinylated Human IL-17R alpha, His Tag ELISA**  
0.2µg Human IL-17A, His Tag Per Well



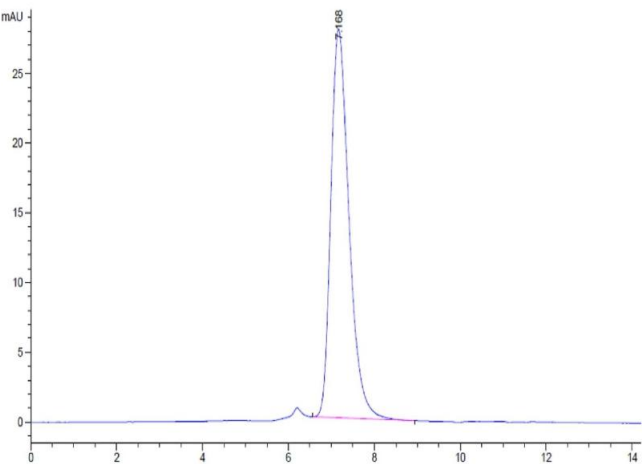
**ELISA**

**Image 1.** Immobilized Human IL-17A, His Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human IL-17R alpha, His Tag with the EC50 of 30.1 ng/mL determined by ELISA.



**SDS-PAGE**

**Image 2.** Biotinylated Human IL-17R alpha on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



**Size-exclusion chromatography-High Pressure Liquid Chromatography**

**Image 3.** The purity of Biotinylated Human IL-17R alpha is greater than 95 % as determined by SEC-HPLC.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7275032.