

Datasheet for ABIN7274244  
**IL17RA Protein (AA 32-322) (Fc Tag)**



[Go to Product page](#)

6 Images

## Overview

Quantity:	100 µg
Target:	IL17RA
Protein Characteristics:	AA 32-322
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL17RA protein is labelled with Fc Tag.

## Product Details

Purpose:	Mouse IL-17R alpha/CD217 Protein
Sequence:	Ser32-Trp322
Characteristics:	Recombinant Mouse IL-17R alpha/CD217 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ser32-Trp322.
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 Mouse IL-17A&F, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Mouse IL-17R alpha, hFc Tag with the EC50 of 19.8ng/ml determined by ELISA. See testing image for detail.

## Target Details

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Target:	IL17RA
Alternative Name:	IL-17R alpha ( <a href="#">IL17RA Products</a> )
Background:	Interleukin 17 (also known as CTLA-8) is a T cell-expressed pleotropic 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.
Molecular Weight:	60.1 kDa. Due to glycosylation, the protein migrates to 95-110 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">Q60943</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

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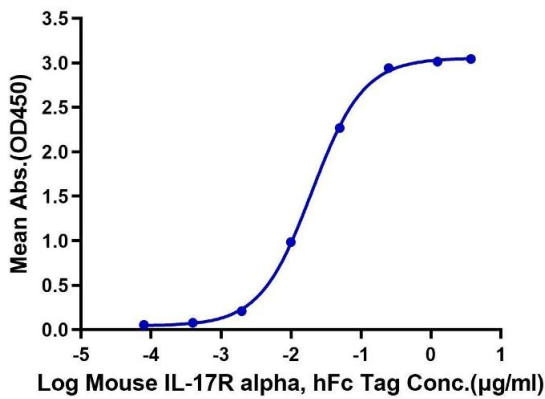
Restrictions:	For Research Use only
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## Handling

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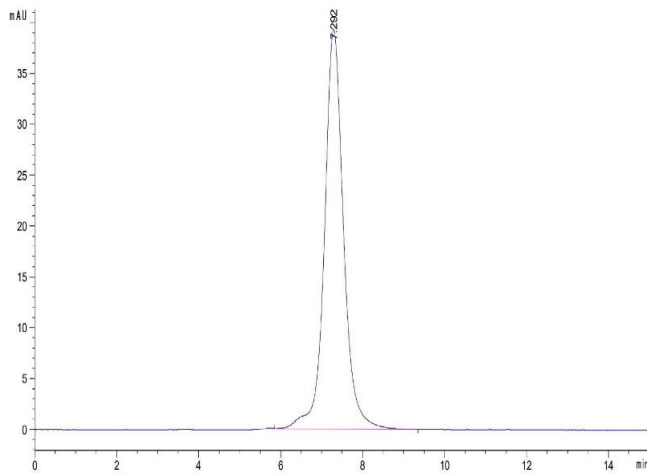
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

**Mouse IL-17R alpha, hFc Tag ELISA**  
0.1 µg Mouse IL-17A&F, His Tag Per Well



**ELISA**

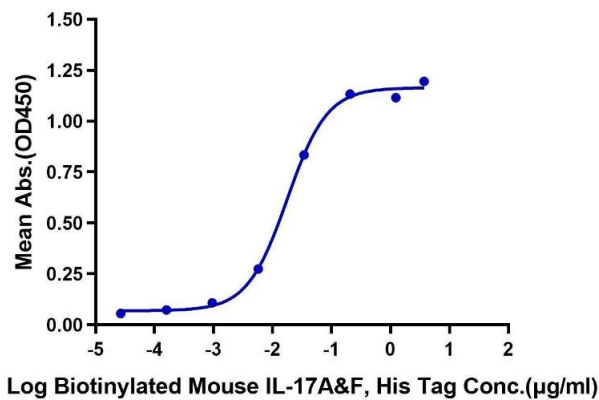
**Image 1.** Immobilized Mouse IL-17A&F, His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Mouse IL-17R alpha, hFc Tag with the EC50 of 19.8 ng/mL determined by ELISA.



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

**Image 2.** The purity of Mouse IL-17R alpha is greater than 95 % as determined by SEC-HPLC.

**Mouse IL-17R alpha, hFc Tag ELISA**  
0.2 µg Mouse IL-17R alpha, hFc Tag Per Well



**ELISA**

**Image 3.** Immobilized Mouse IL-17R alpha, hFc Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Mouse IL-17A&F, His Tag with the EC50 of 17.7 ng/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7274244.