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Datasheet for ABIN7274244

IL17RA Protein (AA 32-322) (Fc Tag)

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

Target:	IL17RA
Alternative Name:	IL-17R alpha (IL17RA Products)
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:	Q60943
Pathways:	SARS-CoV-2 Protein Interactome

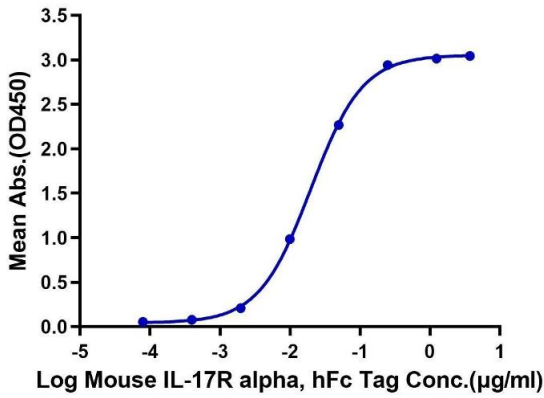
Application Details

Restrictions:	For Research Use only
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Handling

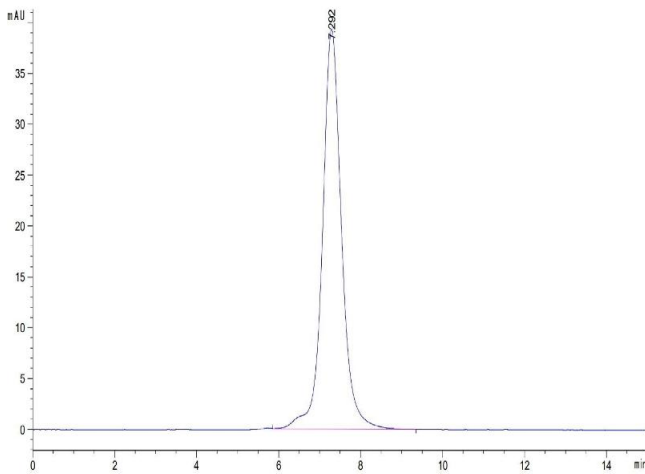
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant 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

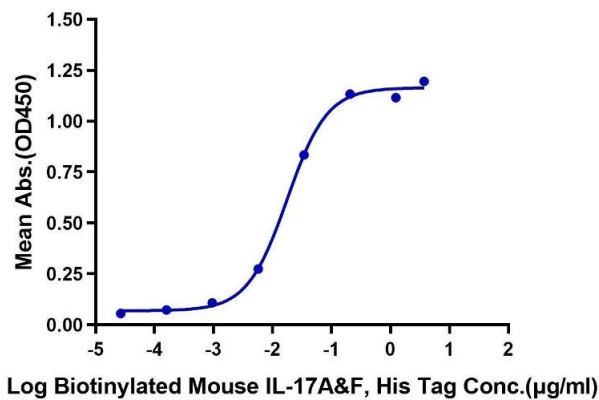
Image 1. Immobilized Mouse IL-17A&F, His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Mouse IL-17R alpha, hFc Tag with the EC50 of 19.8 ng/mL determined by ELISA.



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.