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Datasheet for ABIN7274995

## Interleukin 17a Protein (AA 26-158) (His-Avi Tag)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	Interleukin 17a (IL17A)
Protein Characteristics:	AA 26-158
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Interleukin 17a protein is labelled with His-Avi Tag.

#### Product Details

Purpose:	Mouse IL-17A/CTLA-8 Protein
Sequence:	Ala26-Ala158
Characteristics:	Recombinant Mouse IL-17A/CTLA-8 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Ala26-Ala158.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Mouse IL-17A, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Mouse IL-17RA, hFc Tag with the EC50 of 64.9ng/ml determined by ELISA. See testing image for detail.

## Target Details

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Target:	Interleukin 17a (IL17A)
Alternative Name:	IL-17A ( <a href="#">IL17A Products</a> )
Background:	Interleukin-17A (IL-17A), also known as CTLA-8, is a 15-20 kDa glycosylated cytokine that plays an important role in anti-microbial and chronic inflammation. The six IL-17 cytokines (IL-17A-F) are encoded by separate genes but adopt a conserved cystine knot fold. IL-17A is a ligand for IL17RA and IL17RC. The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC. Involved in inducing stromal cells to produce proinflammatory and hematopoietic cytokines.
Molecular Weight:	18 kDa. Due to glycosylation, the protein migrates to 20-28 kDa based on Tris-Bis PAGE result.

## Application Details

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Restrictions:	For Research Use only
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## Handling

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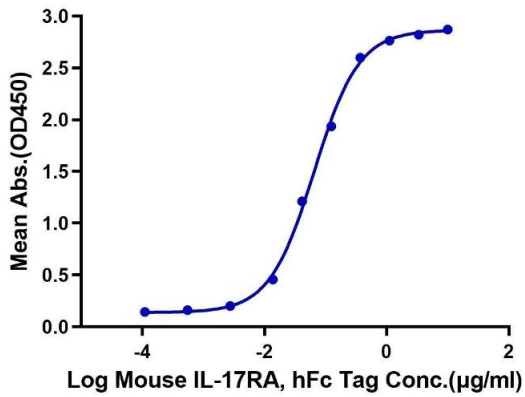
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant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



### SDS-PAGE

**Image 1.** Mouse IL-17A on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

**Mouse IL-17A, His Tag ELISA**  
0.1µg Mouse IL-17A, His Tag Per Well



### ELISA

**Image 2.** Immobilized Mouse IL-17A, His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Mouse IL-17RA, hFc Tag with the EC50 of 64.9 ng/mL determined by ELISA.