



Datasheet for ABIN5526596

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



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### 2 Images

#### Overview

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

#### Product Details

Sequence:	AA 26-158
Characteristics:	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 15.8 kDa. The protein migrates as 18 kDa, 20-23 kDa and 26 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

#### Target Details

Target:	Interleukin 17a (IL17A)
Alternative Name:	IL-17A ( <a href="#">IL17A Products</a> )

## Target Details

**Background:** Interleukin-17A (IL17A) is also known as cytotoxic T-lymphocyte-associated antigen 8 (CTLA8), which is a proinflammatory cytokine produced by activated T cells. IL17A can regulate the activities of NF-kappaB and mitogen-activated protein kinases. Also, IL17A can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). Furthermore, IL17A has been found both in glycosylated and nonglycosylated forms. High levels of IL-17 are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

**Molecular Weight:** 15.8 kDa

**NCBI Accession:** [NP\\_034682](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

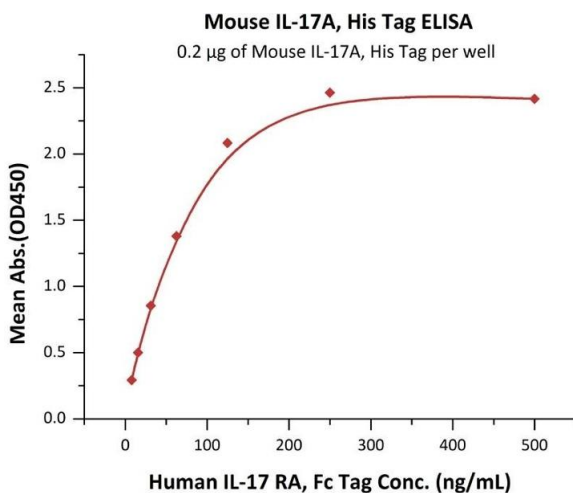
**Format:** Lyophilized

**Buffer:** PBS, pH 7.4

**Handling Advice:** Please avoid repeated freeze-thaw cycles.

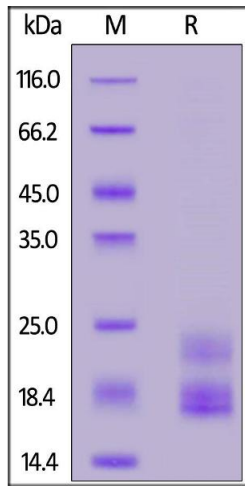
**Storage:** -20 °C

## Images



### ELISA

**Image 1.** Immobilized Mouse IL-17A, His Tag (ABIN5526596, ABIN6809994) at 2 µg/mL (100 µL/well) can bind Human IL-17 RA, Fc Tag (ABIN2181346, ABIN2181345) with a linear range of 4-125 ng/mL (QC tested).



### SDS-PAGE

**Image 2.** Mouse IL-17A, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .