



Datasheet for ABIN7275799

## Thymic Stromal Lymphopoietin Protein (TSLP) (AA 29-159) (His tag)



[Go to Product page](#)

### 3 Images

#### Overview

Quantity:	100 µg
Target:	Thymic Stromal Lymphopoietin (TSLP)
Protein Characteristics:	AA 29-159
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Thymic Stromal Lymphopoietin protein is labelled with His tag.

#### Product Details

Purpose:	Cynomolgus TSLP Protein
Sequence:	Tyr29-Gln159
Characteristics:	Recombinant Cynomolgus TSLP Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Tyr29-Gln159.
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 Cynomolgus TSLP, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-TSLP Antibody, hFc Tag with the EC50 of 7.8ng/ml determined by ELISA. See testing image for detail.

## Target Details

---

Target:	Thymic Stromal Lymphopoietin (TSLP)
Alternative Name:	TSLP ( <a href="#">TSLP Products</a> )
Background:	Thymic Stromal Lymphopoietin (TSLP) was originally identified as an activity from the conditioned medium of a mouse thymic stromal cell line that promoted the development of B cells. Cytokine that induces the release of T-cell-attracting chemokines from monocytes and, in particular, enhances the maturation of CD11c dendritic cells. Can induce allergic inflammation by directly activating mast cells.
Molecular Weight:	16.3 kDa. Due to glycosylation, the protein migrates to 23-26 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">A0A7N9CAT7</a>

## Application Details

---

Restrictions:	For Research Use only
---------------	-----------------------

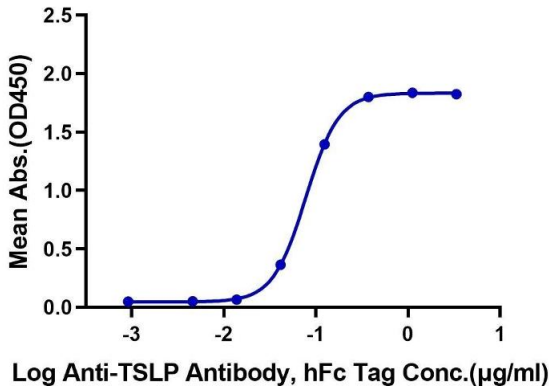
## Handling

---

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

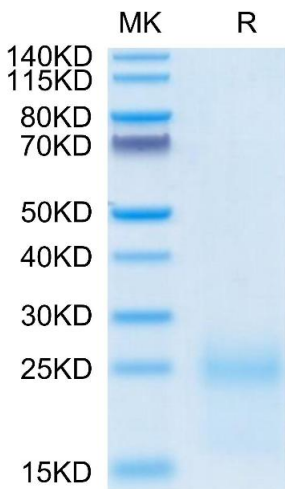
**Cynomolgus TSLP, His Tag ELISA**

0.05µg Cynomolgus TSLP, His Tag Per Well



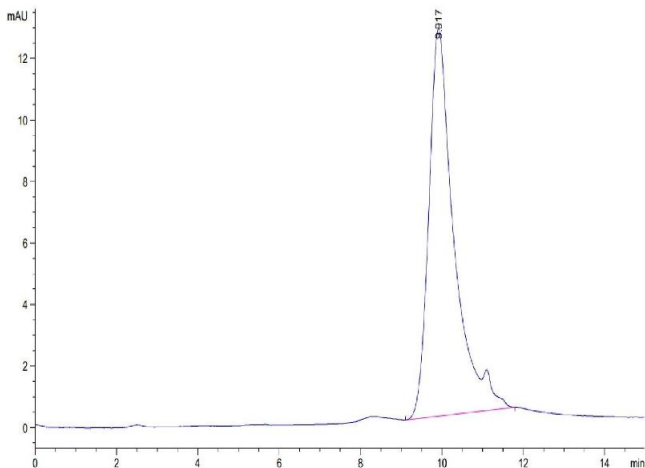
**ELISA**

**Image 1.** Immobilized Cynomolgus TSLP, His Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-TSLP Antibody, hFc Tag with the EC50 of 7.8 ng/mL determined by ELISA.



**SDS-PAGE**

**Image 2.** Cynomolgus TSLP 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 Cynomolgus TSLP is greater than 95 % as determined by SEC-HPLC.