

Datasheet for ABIN7275807

**Thymic Stromal Lymphopoietin Protein (TSLP) (Arg127Ala-Mutant, Arg130Ala-Mutant) (His-Avi Tag)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	Thymic Stromal Lymphopoietin (TSLP)
Protein Characteristics:	Arg127Ala-Mutant, Arg130Ala-Mutant
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Thymic Stromal Lymphopoietin protein is labelled with His-Avi Tag.

## Product Details

Purpose:	Human TSLP (R127A, R130A) Protein
Sequence:	Tyr29-Gln159 (R127A,R130A)
Characteristics:	Recombinant Human TSLP (R127A, R130A) Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Tyr29-Gln159(R127A,R130A).
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 Human TSLP (R127A, R130A) , His Tag at 1µg/ml (100µl/Well). Dose response curve for Human TSLPR, hFc Tag with the EC50 of 15.5ng/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:	17.7 kDa. Due to glycosylation, the protein migrates to 25-35 kDa based on Tris-Bis PAGE result.

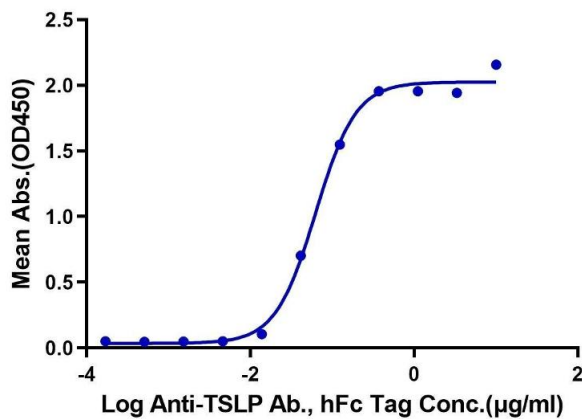
## Application Details

Restrictions:	For Research Use only
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## Handling

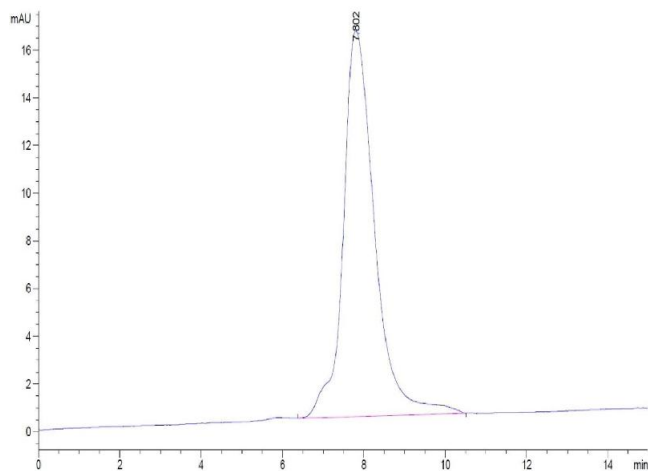
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant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

**Human TSLP(R127A,R130A), His Tag ELISA**  
0.05µg Human TSLP(R127A,R130A), His Tag Per Well



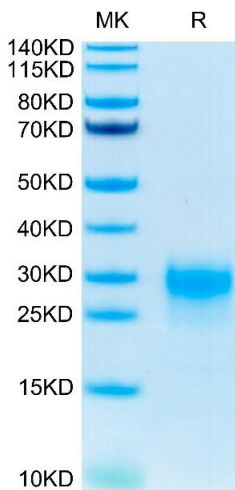
### ELISA

**Image 1.** Immobilized Human TSLP (R127A,R130A), His Tag at 0.5 µg/mL (100 µL/Well). Dose response curve for Anti-Human TSLP Ab., hFc Tag with the EC<sub>50</sub> of 62.6 ng/mL determined by ELISA.



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

**Image 2.** The purity of Human TSLP (R127A, R130A) is greater than 95 % as determined by SEC-HPLC.



### SDS-PAGE

**Image 3.** Human TSLP (R127A, R130A) on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7275807.