

Datasheet for ABIN7275808

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

## 5 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,Biotin.

## Product Details

Sequence:	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 Biotinylated Human TSLP (R127A, R130A) , His Tag at 1µg/ml (100µl/Well). Dose response curve for Human TSLPR, hFc Tag with the EC50 of 17.5ng/ml determined by ELISA. See testing image for detail.

## Target Details

Target:	Thymic Stromal Lymphopoietin (TSLP)
Alternative Name:	TSLP ( <a href="#">TSLP Products</a> )

## Target Details

Background:	Thymic stromal lymphopoietin, TSLP, 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 25-38 kDa based on Tris-Bis PAGE result.

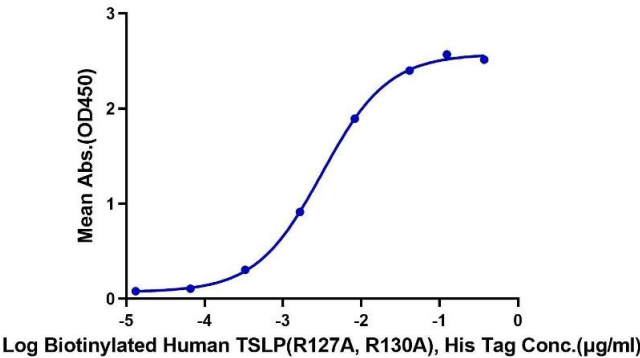
## Application Details

Restrictions:	For Research Use only
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## Handling

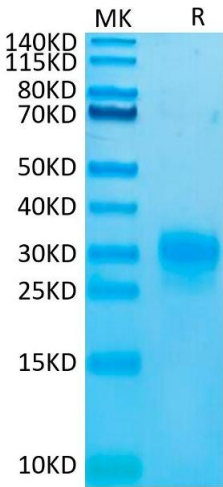
Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.
Storage:	4 °C, -80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

**Biotinylated Human TSLP(R127A, R130A), His Tag ELISA**  
0.05µg Anti-TSLP Antibody, hFc Tag Per Well



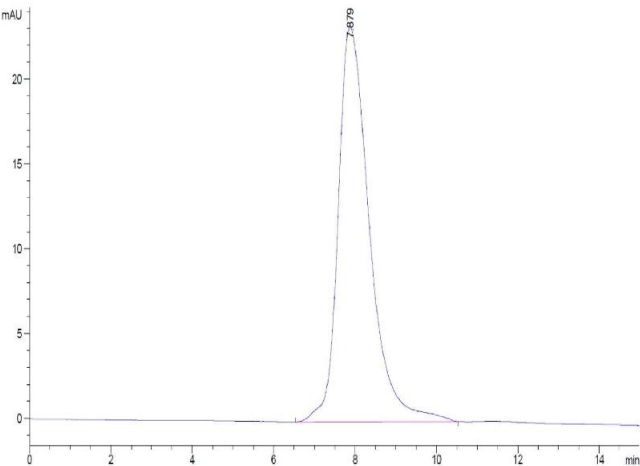
**ELISA**

**Image 1.** Immobilized Anti-TSLP Antibody, hFc Tag at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human TSLP (R127A, R130A) , His Tag with the EC50 of 3.2 ng/mL determined by ELISA.



**SDS-PAGE**

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

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7275808.