

Datasheet for ABIN7275805

**Thymic Stromal Lymphopoietin Protein (TSLP) (AA 29-159)
(His-Avi Tag)**[Go to Product page](#)

5 Images

Overview

Quantity:	100 µg
Target:	Thymic Stromal Lymphopoietin (TSLP)
Protein Characteristics:	AA 29-159
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 Protein
Sequence:	Tyr29-Gln159
Characteristics:	Recombinant Human TSLP Protein is expressed from HEK293 with His tag and Avi 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 Human TSLP, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human TSLPR, hFc Tag with the EC50 of 0.1µg/ml determined by ELISA. See testing image for detail.

Target Details

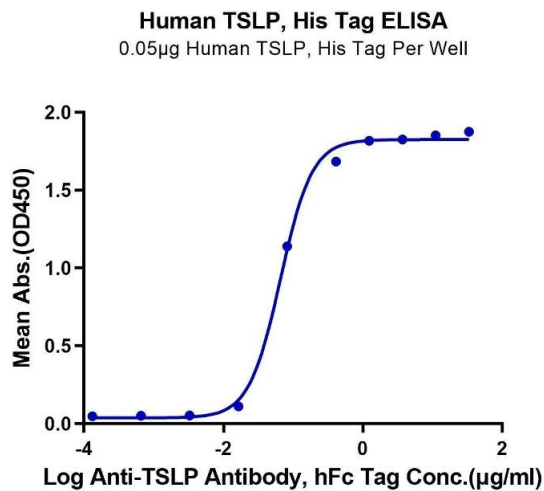
Target:	Thymic Stromal Lymphopoietin (TSLP)
Alternative Name:	TSLP (TSLP Products)
Background:	Thymic Stromal Lymphopoietin (TSLP) was originally identified as an activity from the conditioned medium of a mouse thymic stromal cell line that promoted the development of B cells. Cytokine that induces the 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:	17.8 kDa. Due to glycosylation, the protein migrates to 12 kDa&20-25 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions:	For Research Use only
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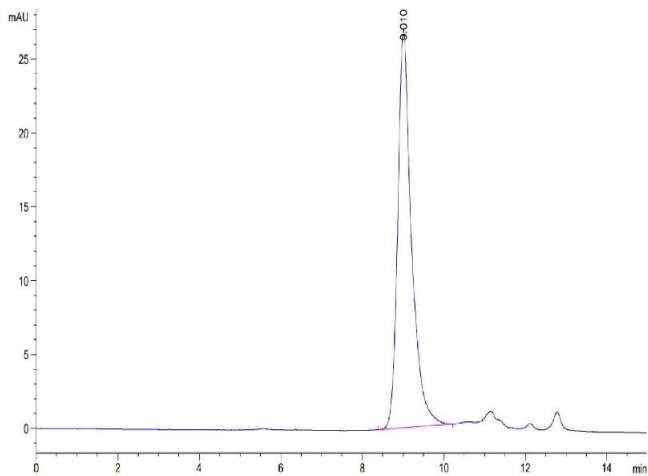
Handling

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



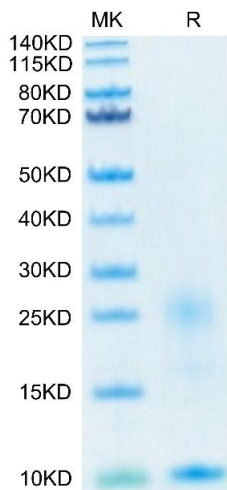
ELISA

Image 1. Immobilized Human 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 66.0 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human TSLP is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 3. Human TSLP on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7275805.