

Datasheet for ABIN7275800

**Thymic Stromal Lymphopoietin Protein (TSLP) (AA 29-159)
(His tag,Biotin)**[Go to Product page](#)**1** Image

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,Biotin.

Product Details

Purpose:	Biotinylated Cynomolgus TSLP Protein (Primary Amine Labeling)
Sequence:	Tyr29-Gln159
Characteristics:	Recombinant Biotinylated Cynomolgus TSLP Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the C-Terminus.It contains Tyr29-Gln159.
Purity:	> 90 % as determined by Tris-Bis PAGE,> 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Thymic Stromal Lymphopoietin (TSLP)
Alternative Name:	TSLP (TSLP Products)

Target Details

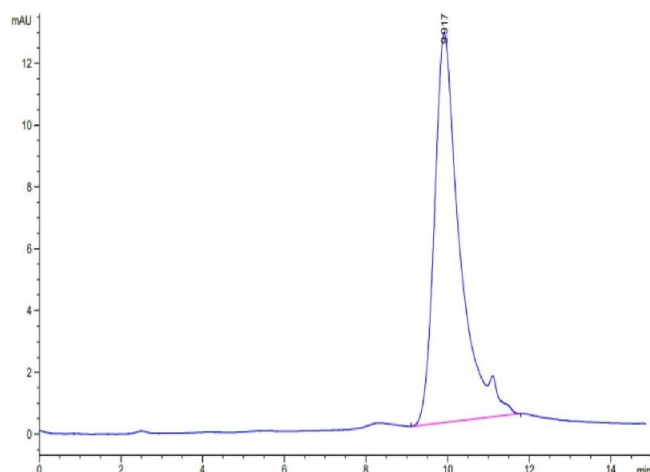
Background:	Thymic Stromal Lymphopoietin (TSLP) was originally identified as an activity from the conditioned medium of a mouse thymic stromal cell line that promoted the development of B cells. Cytokine that induces the release of T-cell-attracting chemokines from monocytes and, in particular, enhances 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 10-13 kDa based on Tris-Bis PAGE result.
UniProt:	A0A7N9CAT7

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 0.22 µm 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



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Biotinylated Cynomolgus TSLP is greater than 95 % as determined by SEC-HPLC.