

# Biotinylated Recombinant Human Thymic stromal lymphopoietin/TSLP Protein

Catalog No.: RP02092 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	85480	Q969D9

### Tags

C-His&Avi

### Synonyms

TSLP

## Product Information

### Source

HEK293 cells

### Purification

> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Background

### Basic Information

#### Description

Biotinylated Recombinant Human TSLP Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Tyr29-Gln159) of Human TSLP fused with His tag and Avi tag at the C-terminal.

#### Bio-Activity

Immobilized Biotinylated Human TSLP, His Tag at 0.5 μg/mL (100 μL/Well). Dose response curve for Anti-Human TSLP Ab. with the EC<sub>50</sub> of 62.7 ng/mL determined by ELISA.

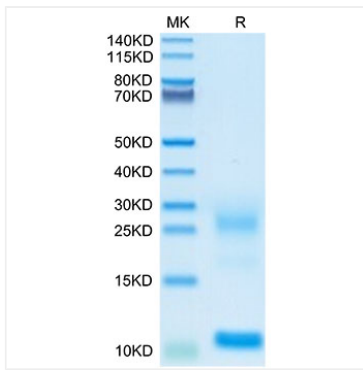
#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

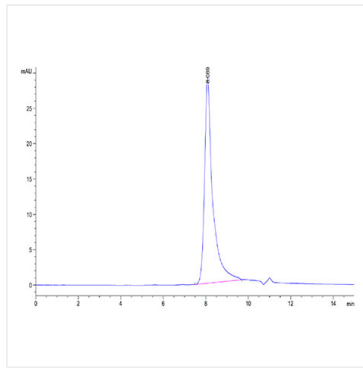
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

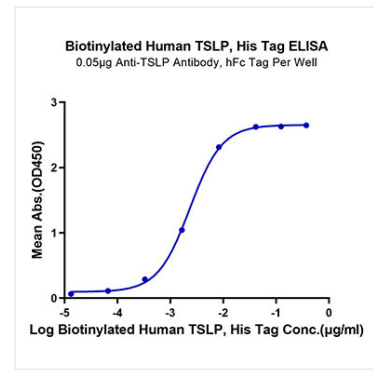
## Validation Data



Biotinylated Human TSLP on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



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



Immobilized Anti-TSLP Antibody, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human TSLP, His Tag with the  $EC_{50}$  of 2.3ng/ml determined by ELISA.