

# Recombinant Cynomolgus TSLP Protein

Catalog No.: RP02628 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Cynomolgus	102119254	A0A2K5TXV0-1

### Tags

C-His

### Synonyms

thymic stromal lymphopoietin; TSLP

## Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

### Endotoxin

Less than 1EU per µg by the LAL method.

### Formulation

#### 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 freeze-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

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.

## Basic Information

### Description

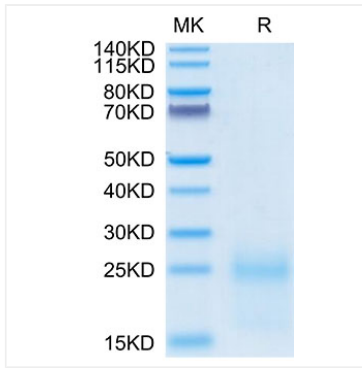
Recombinant Cynomolgus TSLP Protein is expressed from Expi293 with His tag at the C-terminal. It contains Tyr29-Gln159.

### Bio-Activity

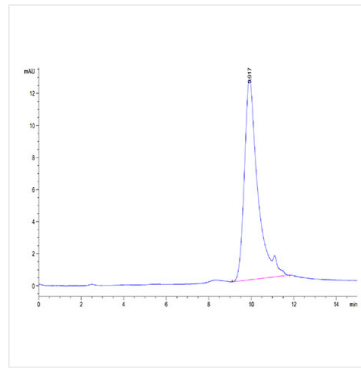
#### Storage

Store the lyophilized protein at -20°C to -80°C for long term. 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.

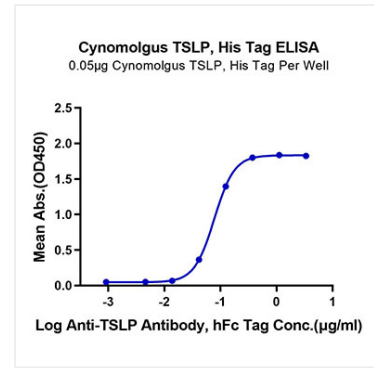
## Validation Data



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



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



Immobilized Cynomolgus TSLP, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-TSLP Antibody, hFc Tag with the EC<sub>50</sub> of 7.8ng/ml determined by ELISA.