

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

Calculated MW	Observed MW
16.3 kDa	12, 23-30 kDa

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 free-thaw cycles.

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | 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

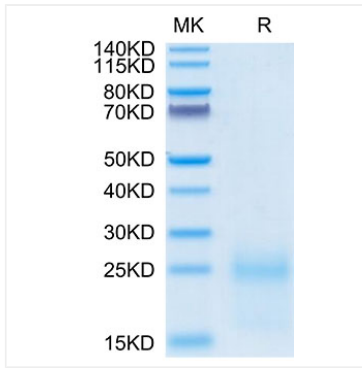
Storage

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

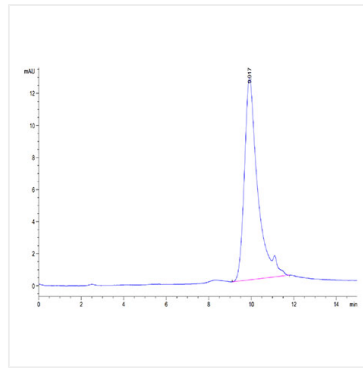
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

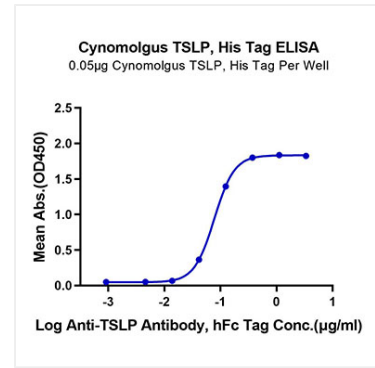
Validation Data



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 EC₅₀ of 7.8ng/ml determined by ELISA.