

Recombinant Cynomolgus TSLP Protein

Catalog No.: RP02628

Sequence Information

Species	Gene ID
Cynomolgus	102119254
Swiss Prot	Tags
A0A2K5TXV0-1	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

< 1 EU/μg of the protein by 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.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

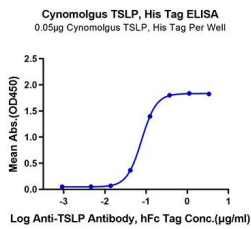
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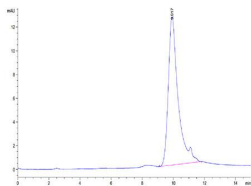
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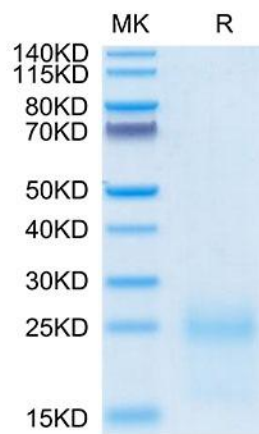
Validation Data



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.



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



Recombinant Cynomolgus TSLP Protein was determined by Tris-Bis PAGE under reducing conditions.