

## Recombinant Cynomolgus TSLP

## (C-6His)

Catalog #	EPT093
Expression Host	E.coli
DESCRIPTION	Recombinant Cynomolgus Thymic Stromal
	Lymphopoietin is produced by our E.coli expression
	system and the target gene encoding
	Tyr29-Gln159(Glu37Gln) is expressed with a 6His tag
	at the C-terminus.
Accession	XP_005557555.1
Synonyms	Thymic stromal lymphopoietin;Thymic stroma-derived
	lymphopoietin;Tslp
Mol Mass	16.2 KDa
AP Mol Mass	16 KDa, reducing conditions
Purity	Greater than 95% as determined by reducing
	SDS-PAGE.
Endotoxin	Less than 0.1 ng/ $\mu$ g (1 EU/ $\mu$ g) as determined by LAL
	test.
FORMULATION	Lyophilized from a 0.2 $\mu$ m filtered solution of 20mM



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PB, 500mM NaCl, pH 7.4.

RECONSTITUTION

Always centrifuge tubes before opening.Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize

freeze-thaw cycles.

SHIPPINGThe product is shipped at ambient temperature.Upon receipt, store it immediately at the temperaturelisted below.

STORAGELyophilized protein should be stored at < -20 ° C,<br/>though stable at room temperature for 3 weeks.<br/>Reconstituted protein solution can be stored at 4-7°C<br/>for 2-7 days.

Aliquots of reconstituted samples are stable at < -20° C for 3 months.

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**BACKGROUND** Thymic stromal lymphopoietin (TSLP) is a protein belonging to the cytokine family, contains 140 amino acids. It is known to play an important role in the maturation of T cell populations through activation of antigen presenting cells. TSLP induces the release of



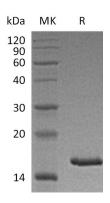
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T-cell-attracting chemokines from monocytes and, in particular, enhances the maturation of CD11c+ dendritic cells. It can induce allergic inflammation by directly activating mast cells. TSLP is produced mainly by non-hematopoietic cells such as fibroblasts, epithelial cells and different types of stromal or stromal-like cells. These cells are located in regions where TSLP activity is required.



## **SDS-PAGE**



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