



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/μg (1 EU/μg) as determined by LAL test.
FORMULATION	Lyophilized from a 0.2 μm filtered solution of 20mM





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 100 μ g/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SHIPPING

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

STORAGE

Lyophilized protein should be stored at $< -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

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





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

