Product Name: Recombinant Cynomolgus TSLP (C-6His)
Catalog #: PEV2124

Summary

Name	TSLP/Thymic stromal lymphopoietin
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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
Host	E.coli
Species	Cynomolgus
Predicted Molecular Mass	16.2 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 6% Trehalose, 2% Glycine, 50mM NaCl, 0.05% Tween 80, pH7.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
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.

SDS-PAGE image

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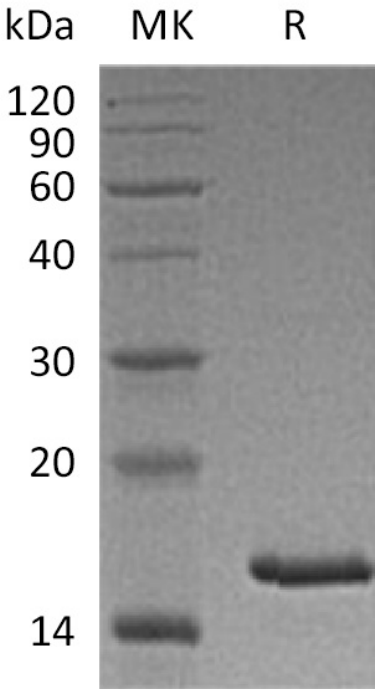

Alternative Names

Thymic stromal lymphopoietin;Thymic stroma-derived lymphopoietin;Tslp

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.

Note

For Research Use Only , Not for Diagnostic Use.