

Recombinant Mouse Thymic stromal lymphopoietin/TSLP Protein

Catalog No.: RP00649 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	53603	Q9JIE6

Tags

C-hFc

Synonyms

Thymic stromal lymphopoietin;Thymic stroma-derived lymphopoietin;Tslp

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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.

Basic Information

Description

Recombinant Mouse Thymic stromal lymphopoietin/TSLP Protein is produced by Human cells expression system. The target protein is expressed with sequence (Tyr20-Glu140) of mouse Thymic stromal lymphopoietin/TSLP (Accession #Q9JIE6) fused with an Fc tag at the C-terminus.

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.

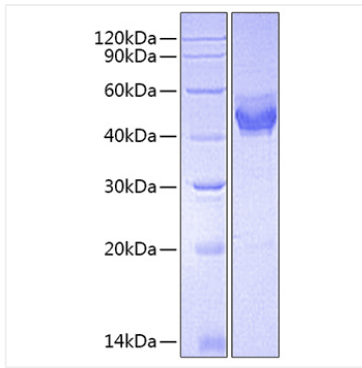
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Validation Data



Recombinant Mouse Thymic stromal lymphopoietin/TSLP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.