



[Go to Product page](#)

Datasheet for ABIN7198241

Thymic Stromal Lymphopoietin Protein (TSLP) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	Thymic Stromal Lymphopoietin (TSLP)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Thymic Stromal Lymphopoietin protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse TSLP Protein (His Tag)(Active)
Sequence:	Met 1-Glu 140
Characteristics:	A DNA sequence encoding the mouse TSLP (Q9JIE6) (Met 1-Glu 140) was expressed, with a C-terminal polyhistidine tag.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	Measured by its ability to bind human IL7RA-his in functional ELISA.

Target Details

Target:	Thymic Stromal Lymphopoietin (TSLP)
Alternative Name:	TSLP (TSLP Products)

Target Details

Background: Background: Thymic stromal lymphopoietin (TSLP) is an interleukin 7 (IL-7)-like cytokine originally characterized by its ability to promote the activation of B cells and dendritic cells (DCs). Thymic stromal lymphopoietin (TSLP) is a cytokine expressed by epithelial cells, including keratinocytes, and is important in allergic inflammation. Subsequent studies have shown that TSLP promotes T helper type 2 (TH2) cell responses associated with immunity to some helminth parasites and the pathogenesis of many inflammatory diseases, including atopic dermatitis and asthma. TSLP can promote TH2 cytokine-associated inflammation by directly promoting the effector functions of CD4+ TH2 cells, basophils and other granulocyte populations while simultaneously limiting the expression of DC-derived proinflammatory cytokines and promoting regulatory T cell responses in peripheral tissues.

Synonym: Thymic stromal lymphopoietin;Thymic stroma-derived lymphopoietin;Tslp;TSLP

Molecular Weight: 15.4 kDa

UniProt: [Q9JIE6](#)

Application Details

Restrictions: For Research Use only

Handling

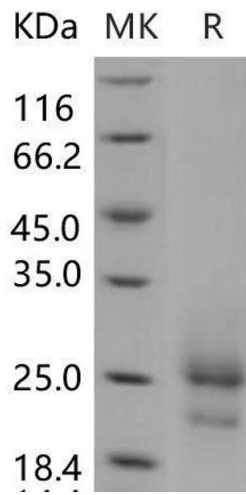
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.