



Datasheet for ABIN7538549

Thymic Stromal Lymphopoietin Protein (TSLP) (AA 20-140) (Fc Tag)



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1 Image

Overview

Quantity:	50 µg
Target:	Thymic Stromal Lymphopoietin (TSLP)
Protein Characteristics:	AA 20-140
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Thymic Stromal Lymphopoietin protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant mouse TSLP protein with C-terminal human Fc tag
Specificity:	Mouse TSLP (Tyr20-Glu140) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Thymic Stromal Lymphopoietin (TSLP)
Alternative Name:	TSLP (TSLP Products)
Background:	Enables cytokine activity. Predicted to be involved in several processes, including defense

Target Details

response to other organism, positive regulation of cytokine production, and positive regulation of signal transduction. Predicted to be located in extracellular region. Is expressed in ductus deferens, epididymis, ileum, and testis. Used to study atopic dermatitis, autoimmune hemolytic anemia, cryoglobulinemia, and membranoproliferative glomerulonephritis. Orthologous to human TSLP (thymic stromal lymphopietin). [provided by Alliance of Genome Resources, Apr 2022]

Molecular Weight: predicted molecular mass of 40.1 kDa after removal of the signal peptide. The apparent molecular mass of mTSLP-hFc is 35-55 kDa due to glycosylation.

UniProt: [Q9JIE6](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Mouse TSLP Protein, hFc Tag on SDS-PAGE under reducing condition.