

Datasheet for ABIN6950978

**Thymic Stromal Lymphopoietin Protein (TSLP) (AA 29-159)
(Fc Tag)**[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Thymic Stromal Lymphopoietin (TSLP)
Protein Characteristics:	AA 29-159
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Thymic Stromal Lymphopoietin protein is labelled with Fc Tag.

Product Details

Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 0.1 EU per µg by the LAL method.

Target Details

Target:	Thymic Stromal Lymphopoietin (TSLP)
Alternative Name:	TSLP (TSLP Products)
Background:	Thymic stromal lymphopoietin (TSLP) is an epithelial cell-derived cytokine involved in the pathology of inflammatory skin diseases, and is widely expressed by epithelial cells. Human TSLP cDNA encodes a 159 amino acid (aa) residue precursor protein with a 28 aa signal sequence (4, 5). Human TSLP has been shown to developing nondeletional central tolerance, amplifying epithelium-induced class switching, inducing atopic diseases and maintaining

Target Details

	intestinal noninflammatory environment. Among diverse cells responding to Human TSLP, CD11c+ dendritic cells are the most obviously characterized target cells.
Molecular Weight:	41.6 kDa
NCBI Accession:	NP_149024

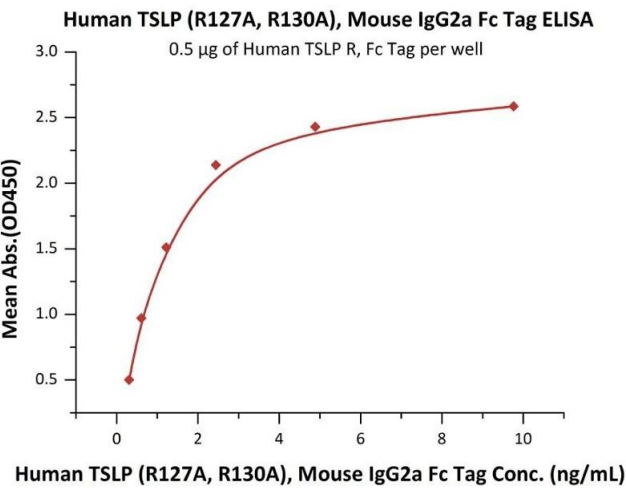
Application Details

Restrictions:	For Research Use only
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Handling

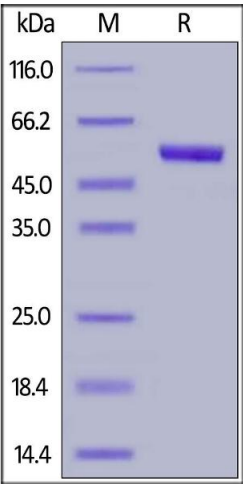
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Human TSLP R, Fc Tag (ABIN5954970,ABIN6253631) at 5 µg/mL (100 µL/well) can bind Human TSLP (R127A, R130A), Mouse IgG2a Fc Tag (ABIN6938921,ABIN6950978) with a linear range of 0.3-1 ng/mL (QC tested).



SDS-PAGE

Image 2. Human TSLP (R127A, R130A), Mouse IgG2a Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .