

Datasheet for ABIN7013407

**Thymic Stromal Lymphopoietin Protein (TSLP) (AA 29-159)
(His tag)**[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	Thymic Stromal Lymphopoietin (TSLP)
Protein Characteristics:	AA 29-159
Origin:	Cynomolgus
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

Sequence:	AA 29-159
Characteristics:	Human Tyk2 Protein, His Tag (MALS verified)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 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

Target Details

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 intestinal noninflammatory environment. Among diverse cells responding to Human TSLP, CD11c+ dendritic cells are the most obviously characterized target cells.

Molecular Weight: 11.7 kDa and 5.4 kDa

NCBI Accession: [XP_005557555](#)

Application Details

Restrictions: For Research Use only

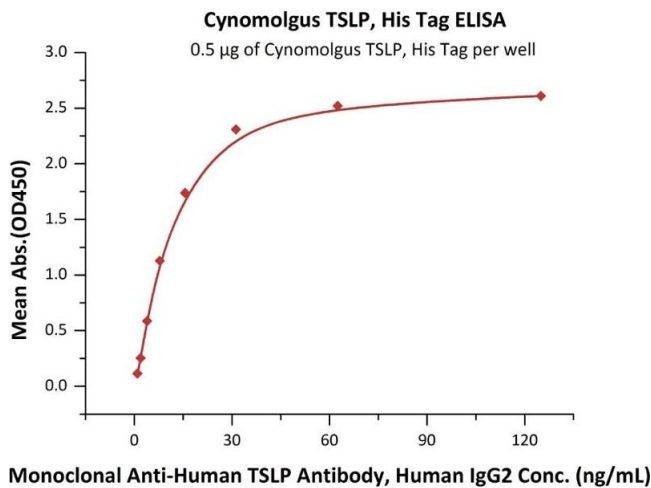
Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

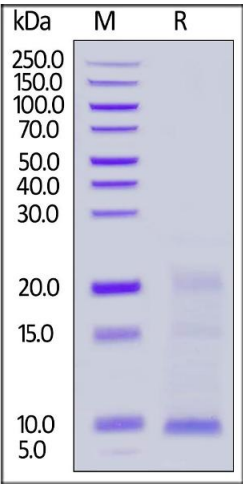
Storage: -20 °C

Images



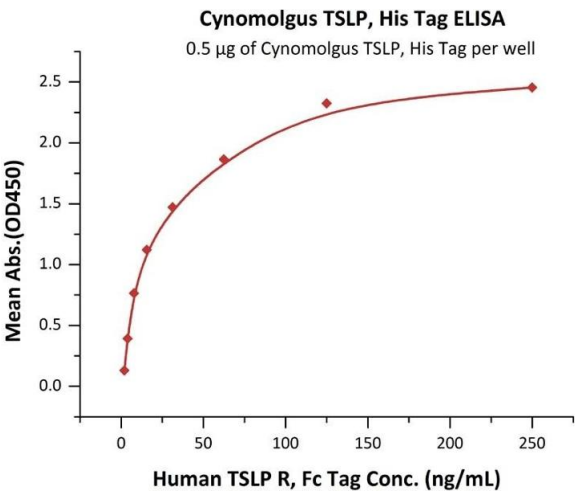
ELISA

Image 1. Immobilized Cynomolgus TSLP, His Tag (ABIN6973299) at 5 µg/mL (100 µL/well) can bind Monoclonal A TSLP Antibody, Human IgG2 with a linear range of 1-16 ng/mL (Routinely tested).



SDS-PAGE

Image 2. Cynomolgus TSLP, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .



ELISA

Image 3. Immobilized Cynomolgus TSLP, His Tag (ABIN6973299) at 5 µg/mL (100 µL/well) can bind Human TSLP R, Fc Tag (ABIN5954970,ABIN6253631) with a linear range of 2-31 ng/mL (QC tested).