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Datasheet for ABIN7321026

## Thymic Stromal Lymphopoietin Protein (TSLP) (His tag)

### 2 Images

#### Overview

Quantity:	50 µg
Target:	Thymic Stromal Lymphopoietin (TSLP)
Origin:	Cynomolgus
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Thymic Stromal Lymphopoietin protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant Cynomolgus Thymic Stromal Lymphopoietin/TSLP (C-6His)
Sequence:	Tyr29-Gln159(Glu37Gln)
Characteristics:	Recombinant Cynomolgus Thymic Stromal Lymphopoietin is produced by our E.coli expression system and the target gene encoding Tyr29-Gln159(Glu37Gln) is expressed with a 6His tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Mouse TSLPR-Fc(Cat#PKSM041158) at 10µg/ml (100 µl/well) can bind Biotinylated Cynomolgus TSLP-His(Cat#PKSQ050102). The ED50 of Cynomolgus TSLP-His(Cat#PKSQ050102)is 3.2ug/ml .

## Target Details

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Target:	Thymic Stromal Lymphopoietin (TSLP)
Alternative Name:	Thymic Stromal Lymphopoietin/TSLP ( <a href="#">TSLP Products</a> )
Background:	<p>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.</p> <p>Synonym: Thymic stromal lymphopoietin, Thymic stroma-derived lymphopoietin, TSLP</p>
Molecular Weight:	16.2 kDa
NCBI Accession:	<a href="#">XP_005557555</a>

## Application Details

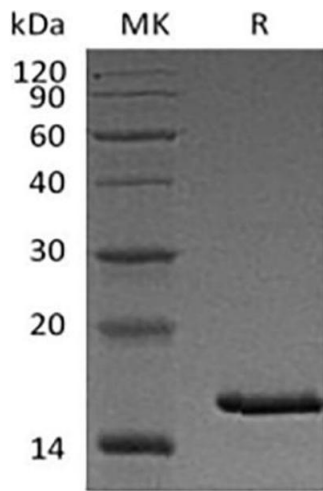
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Restrictions:	For Research Use only
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## Handling

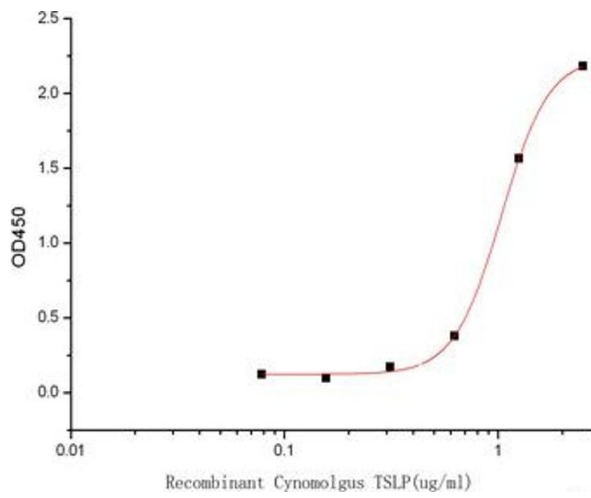
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Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 500 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized 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.



### ELISA

Image 2.