

Datasheet for ABIN7275801

**CRLF2 Protein (AA 23-231) (His tag)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CRLF2
Protein Characteristics:	AA 23-231
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRLF2 protein is labelled with His tag.

## Product Details

Purpose:	Cynomolgus TSLPR Protein
Sequence:	Gln23-Lys231
Characteristics:	Recombinant Cynomolgus TSLPR Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln23-Lys231.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Cynomolgus TSLPR, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-TSLPR Antibody, hFc Tag with the EC50 of 13.3ng/ml determined by ELISA. See testing image for detail.

## Target Details

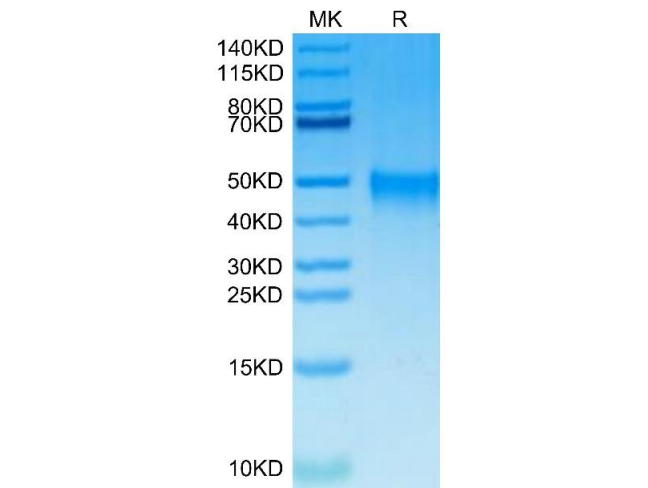
Target:	CRLF2
Alternative Name:	TSLPR ( <a href="#">CRLF2 Products</a> )
Background:	Thymic stromal lymphopoietin (TSLP) is an interleukin-7 (IL-7) like cytokine, which plays an important role in the regulation of immune responses to allergens. TSLP binds to a heterodimeric receptor complex composed of the IL-7 receptor alpha chain (IL-7Ralpha) and the TSLP receptor (TSLPR, also known as CRLF2).
Molecular Weight:	25.42 kDa. Due to glycosylation, the protein migrates to 42-52 kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">XP_045239630</a>

## Application Details

Restrictions:	For Research Use only
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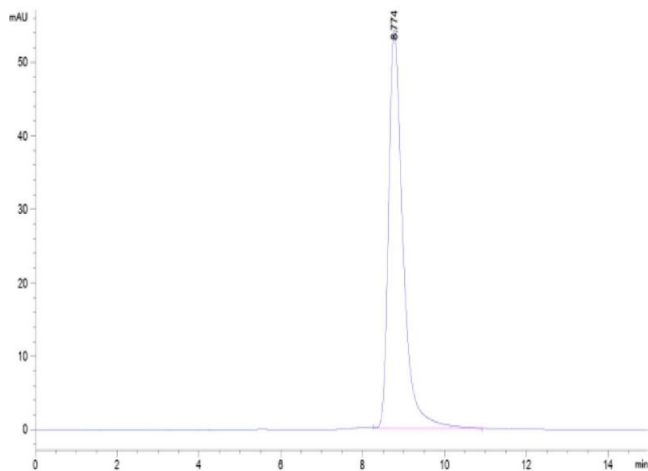
## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

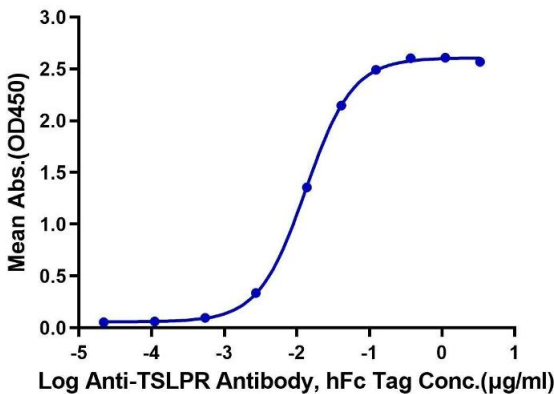
**Image 1.** Cynomolgus TSLPR on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Cynomolgus TSLPR is greater than 95 % as determined by SEC-HPLC.

**Cynomolgus TSLPR, His Tag ELISA**  
0.05µg Cynomolgus TSLPR, His Tag Per Well



ELISA

**Image 3.** Immobilized Cynomolgus TSLPR, His Tag at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Anti-TSLPR Antibody, hFc Tag with the EC50 of 13.3 ng/mL determined by ELISA.