

Datasheet for ABIN7275803

CRLF2 Protein (Fc Tag)

4 Images

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Overview

Quantity:	100 µg
Target:	CRLF2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRLF2 protein is labelled with Fc Tag.

Product Details

Sequence:	Gly25-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 Human TSLP (R127A, R130A) at 1 µg/ml (100 µl/Well). Dose response curve for Human TSLPR, hFc Tag with the EC50 of 15.5 ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	CRLF2
Alternative Name:	TSLPR (CRLF2 Products)
Background:	TSLP receptor, TSLPR, CRL2, CRLF2Y, CRLF2, IL-XR, p2RY8/CRLF2 fusion, CRLF2, Thymic stromal lymphopoietin (TSLP) is an interleukin-7 (IL-7) like cytokine, which plays an important

Target Details

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: 50.8 kDa. Due to glycosylation, the protein migrates to 60-75 kDa based on Tris-Bis PAGE result.

Application Details

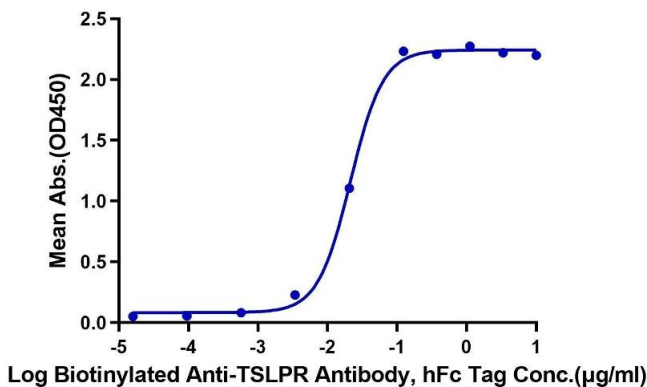
Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.
Storage:	4 °C,-80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

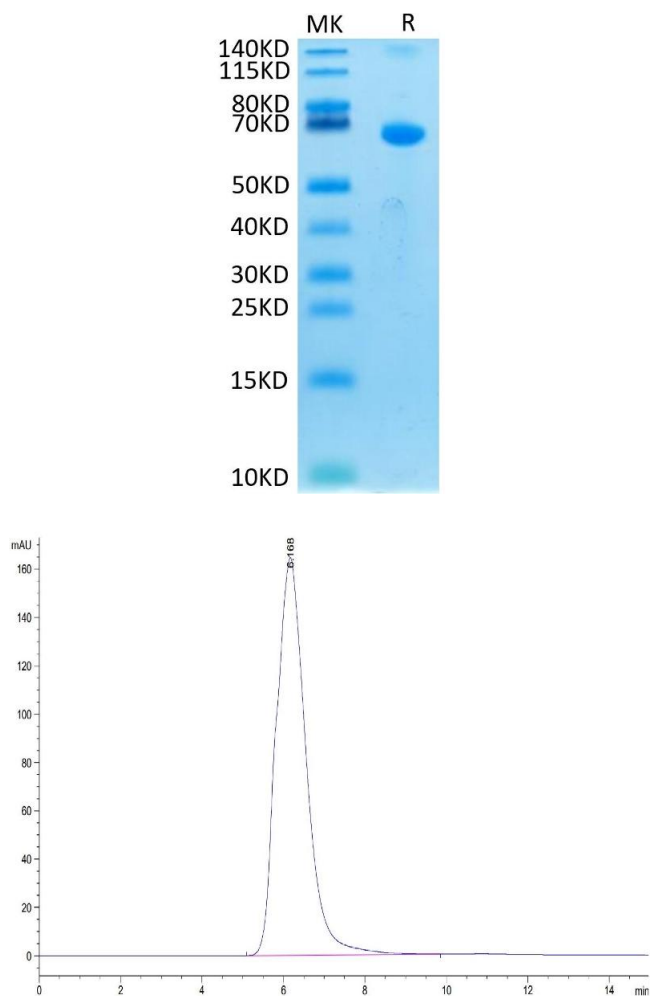
Images

Human TSLPR, hFc Tag ELISA
0.05µg Human TSLPR, hFc Tag Per Well



ELISA

Image 1. Immobilized Human TSLPR, hFc Tag at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Anti-TSLPR Antibody, hFc Tag with the EC50 of 21.4 ng/mL determined by ELISA.



SDS-PAGE

Image 2. Human TSLPR on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Human TSLPR is greater than 95 % as determined by SEC-HPLC.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7275803.