

Datasheet for ABIN7319829

**CRLF2 Protein (Fc Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	CRLF2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CRLF2 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Human TSLP R/CRLF2 (C-Fc)
Sequence:	Gly25-Lys231
Characteristics:	Recombinant Human CRLF2 is produced by our Mammalian expression system and the target gene encoding Gly25-Lys231 is expressed with a Fc 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:	Loaded Human TSLP-His(Cat#C00K) on HIS1K Biosensor, can bind Human TSLP R-Fc(Cat#CW56) with an affinity constant of 37.97nM as determined in BLI assay.

## Target Details

Target:	CRLF2
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## Target Details

Alternative Name:	TSLP R/CRLF2 ( <a href="#">CRLF2 Products</a> )
Background:	<p>Background: Receptor for thymic stromal lymphopoietin (TSLP). Forms a functional complex with TSLP and IL7R which is capable of stimulating cell proliferation through activation of STAT3 and STAT5. Also activates JAK2 (By similarity). Implicated in the development of the hematopoietic system. TSLP R expression is ubiquitous in the immune and hematopoietic cells, but is up-regulated in Th2-skewed cells. Cells expressing TSLP R alone bind TSLP with low affinity. Co-expression of TSLP R and IL-7 R alpha is required for high-affinity TSLP binding and signal transduction . The TSLP R and IL-7 R alpha are coexpressed primarily on monocytes and dendritic cells and at lower levels in lymphoid cells. TSLP has been shown to induce the release of T cell-attracting chemokines from monocytes and enhance the maturation of CD11c+ dendritic cells.</p> <p>Synonym: CRL2, CRL2cytokine receptor CRL2 precursor, CRLF2, CRLF2Y, CRLM-2, Cytokine receptor-like 2,cytokine receptor-like factor 2, ILXR, IL-XR, P2RY8/CRLF2 fusion, PCOR1, TSLP R, TSLP receptor,TSLPR</p>

Molecular Weight:	50.9 kDa
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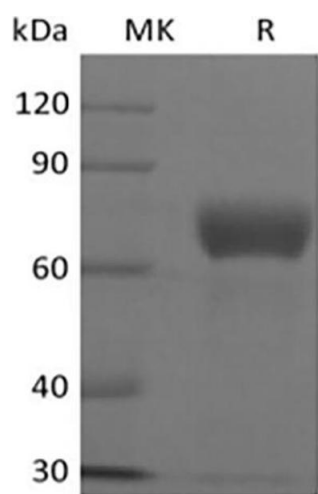
UniProt:	<a href="#">Q9HC73</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>



Western Blotting

Image 1.