

Datasheet for ABIN7320658

CRLF2 Protein (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	CRLF2
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRLF2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse TSLP Receptor/CRLF2 Protein (His Tag)
Sequence:	Ala20-Leu233
Characteristics:	Recombinant Mouse Thymic stromal lymphopoietin protein receptor is produced by our Mammalian expression system and the target gene encoding Ala20-Leu233 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CRLF2
Alternative Name:	TSLP Receptor/CRLF2 (CRLF2 Products)
Background:	Background: The cytokine thymic stromal lymphopoietin receptor (TSLPR) is consisting of a common γ receptor-like chain (TSLPR-γ) and a common interleukin 7 (IL-7) Rα chain that

Target Details

belongs to the type 1 cytokine receptor family. Transfection of TSLPR cDNA result in only low affinity binding, while cotransfection of the IL-7Ra chain cDNA shows high affinity binding. TSLP and TSLPR play a critical role in the initiation of allergic diseases in mice. The TSLP R cDNA encodes a transmembrane receptor containing 370 amino acids (aa) with two potential N-linked glycosylation sites and a cytoplasmic domain of 104 aa including a single tyrosine residue. TSLPR can mediate signaling of the signal transducer and activator of transcription 5 (Stat5) by TSLP. TSLP R is broadly expressed in the immune and hematopoietic cells, particularly in hematopoietic progenitors and myeloid cells.

Synonym: CRL2, CRLF2, CRL2 cytokine receptor, Cytokine receptor-like 2, cytokine receptor-like factor 2, ILXR, IL-XR, P2RY8/CRLF2 fusion, Thymic stromal lymphopoietin protein receptor, Thymic stromal-derived lymphopoietin receptor, TSLP receptor, TSLPR

Molecular Weight:	23.7 kDa
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UniProt:	Q8CII9
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Application Details

Restrictions:	For Research Use only
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Handling

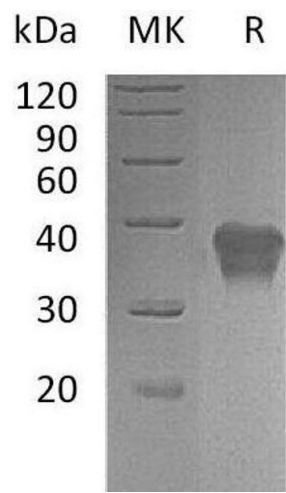
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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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.
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Western Blotting

Image 1.