

Product datasheet

Recombinant Human CRLF2 protein (denatured)
ab140729

1 Image

Description	
Product name	Recombinant Human CRLF2 protein (denatured)
Purity	> 85 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>Q9HC73</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSGGAAEGVQIQIIFYNL ETVQVTWNAS KYSRTNLTFHYRFNGDEAYDQCTNYLLQEGHTSGCLLDAE QRDDILYFSI RNGTHPVFTASRWMVYYLKPSSPKHVRFSWHQDAVTVT CSDLSYGDLLYE VQYRSPFDTEWQSKQENTCNVTIEGLDAEKCYSFWVRVK AMEDVYGPDTY PSDWSEVTCWQRGEIRDACAETPTPPKPKLSK
Predicted molecular weight	27 kDa including tags
Amino acids	23 to 231
Tags	His tag N-Terminus
Description	Recombinant Human CRLF2 protein

Specifications	
Our Abpromise guarantee covers the use of ab140729 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Function

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.

Tissue specificity

Expressed in heart, skeletal muscle, kidney and adult and fetal liver. Primarily expressed in dendrites and monocytes. Weakly expressed in T-cells.

Sequence similarities

Belongs to the type I cytokine receptor family. Type 5 subfamily.
Contains 1 fibronectin type-III domain.

Domain

The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.
The box 1 motif is important for association with JAKs.

Cellular localization

Secreted and Cell membrane.

Images



15% SDS-PAGE analysis of ab140729 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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