abcam

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 Q9HC73

Protein length Protein fragment

Animal free No

Nature Recombinant

Species Human

Sequence MGSSHHHHHHSSGLVPRGSHMGSQGGAAEGVQIQIIYFNL

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 <u>Abpromise guarantee</u> 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

1

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

L7R 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.

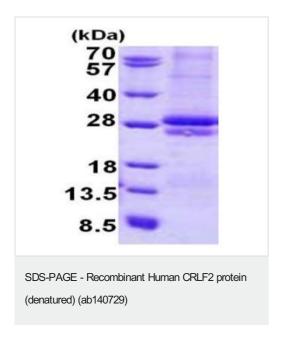
Contains 1 fibronectin type-III domain.

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).

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