# abcam

# Product datasheet

# Recombinant Human CLEC-2 protein (His tag) ab219290

# 1 Image

**Description** 

Product name Recombinant Human CLEC-2 protein (His tag)

**Purity** > 90 % SDS-PAGE.

Affinity purified

**Endotoxin level** < 1.000 Eu/µg

Expression system Insect cells

Accession Q9P126

Protein length Protein fragment

Animal free No

Nature Recombinant

**Species** Human

Sequence ADPSVMQRNY LQGENENRTG TLQQLAKRFC

QYVVKQSELK GTFKGHKCSP CDTNWRYYGD

SCYGFFRHNL TWEESKQYCT DMNATLLKID NRNIVEYIKA

RTHLIRWVGL SRQKSNEVWK WEDGSVISEN MFEFLEDGKG NMNCAYFHNG KMHPTFCENK

HYLMCERKAG MTKVDQLPHH HHHH

Predicted molecular weight 22 kDa including tags

Amino acids 55 to 229

Tags His tag C-Terminus

Additional sequence information Corresponds to the extracellular domain.

#### **Specifications**

Our **Abpromise guarantee** covers the use of **ab219290** 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: 7.40

Constituents: 90% PBS, 10% Glycerol (glycerin, glycerine)

#### **General Info**

**Function** Acts as a receptor for the platelet-aggregating snake venom protein rhodocytin. Rhodocytin

binding leads to tyrosine phosphorylation and this promotes the binding of spleen tyrosine kinase (Syk) and initiation of downstream tyrosine phosphorylation events and activation of PLC-gamma-2. Acts as an attachment factor for human immunodeficiency virus type 1 (HIV-1) and facilitates its

capture by platelets.

**Tissue specificity** Expressed preferentially in the liver. Also expressed in immune cells of myeloid origin and on the

surface of platelets.

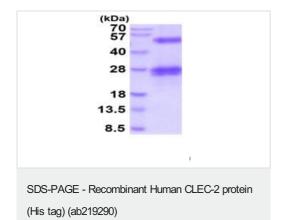
Sequence similarities Contains 1 C-type lectin domain.

Post-translational Glycosylated.

modifications Phosphorylated on tyrosine residue in response to rhodocytin binding.

**Cellular localization** Membrane.

#### **Images**



15% SDS-PAGE analysis of ab219290 (3  $\mu$ g), that migrates at 28-57kDa under reducing conditions.

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

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