

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	<u>Q9P126</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	ADPSVMQRNY LQGENENRTG TLQQLAKRFC QYVVKQSELK GTFKGHKCSP CDTNWRYYGD SCYGFFRHNL TWEESKQYCT DMNATLLKID NRNVEYIKA 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 <u>Abpromise guarantee</u> 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 modifications

Glycosylated.

Phosphorylated on tyrosine residue in response to rhodocytin binding.

Cellular localization

Membrane.

Images



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

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