

Product datasheet

Recombinant Human CD146 protein ab114180

1 Image

Description

Product name	Recombinant Human CD146 protein
Expression system	Wheat germ
Accession	P43121
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Sequence	<p>MGLPRLVCAFLLAACCCCPRVAGVPGAEQPAPELVEV EVGSTALLKCGL SQSQGNLSHVDWFSVHKEKRTLIFRVRQGGQSEPGEYE QRLSLQDRGAT LALTQVTPQDERIFLCQGKRPRSQEYRIQLRVYKAPEEPNI QVNPLGIPV NSKEPEEVATCVGRNGYPIQVMYKNGRPLKEEKNRVHI QSSQTVESSG LYTLQSILKAQLVKEDKDAQFYCELNYRLPSGNHMKESRE VTPVFYPT KVVLEVEPVGMLKEGDRVEIRCLADGNPPPHFSISKQNP STREAEEETT DNGVLVLEPARKEHSGRYECQGLDLDTMISLLSEPQELLV NYVSDVRVSP AAPERQEGSSLTLTCEAESSQDLEFQWLREETGQVLERG PVLQLHDLKRE AGGGYRCVASVPSIPGLNRTQLVNVAIFGPPWMAFKERK VVVKENMVLNL SCEASGHPRPTISWNVNGTASEQDQDPQRVLSTLNLVLT PELLETGVECT ASNDLGKNTSILFLELVNLTTLTPDSNTTTGLSTSTASPHTR ANSTSTER KLPEPESRGVVIVAVIVCIVLAVLGAVLYFLYKKGKLPCCR SGKQEITL PPSRKSELVVEVKSDKLPEEMGLLQGSSGDKRAPGDQG EKYIDLRH</p>
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Predicted molecular weight	97 kDa including tags
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Specifications

Our [Abpromise guarantee](#) covers the use of **ab114180** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot
	SDS-PAGE
	ELISA
Form	Liquid

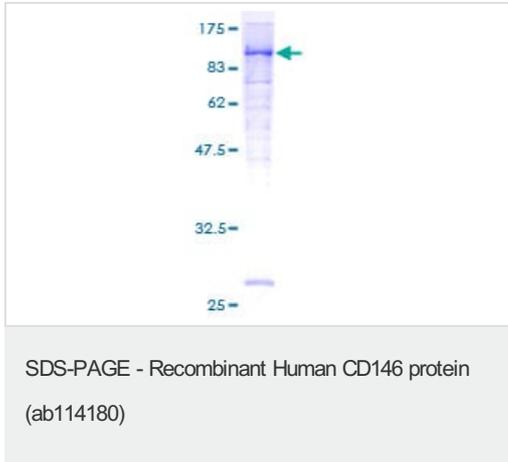
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
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General Info

Function	Plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2, and a transient increase in the intracellular calcium concentration.
Tissue specificity	Detected in endothelial cells in vascular tissue throughout the body. May appear at the surface of neural crest cells during their embryonic migration. Appears to be limited to vascular smooth muscle in normal adult tissues. Associated with tumor progression and the development of metastasis in human malignant melanoma. Expressed most strongly on metastatic lesions and advanced primary tumors and is only rarely detected in benign melanocytic nevi and thin primary melanomas with a low probability of metastasis.
Sequence similarities	Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 2 Ig-like V-type (immunoglobulin-like) domains.
Cellular localization	Membrane.

Images



ab114180 on a 12.5% SDS-PAGE Stained with Coomassie Blue.

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

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