

Product datasheet

Recombinant Human VE Cadherin protein (Fc Chimera His Tag) ab224783

1 Image

Description

Product name	Recombinant Human VE Cadherin protein (Fc Chimera His Tag)	
Purity	> 90 % SDS-PAGE. Affinity purified	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Baculovirus infected insect cells	
Accession	P33151	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>NPAQRDTHSLLPThRRQKRdWwNQMhIDEeKNTSLPHH VGKIKSSVSRK NAKYLlKGEYVGKvFRVDAETGDVFAIERLDREnISEYHLT AVVDKDTG ENLETPSSFTIKVHDVNDNWPVfThRLFNASVPeSSAVGT SVISVTAVDA DDPTVGDHASVMYQILKGKEYFAIDNSGRITITKSLDREKQ ARYEIVVE ARDAQGLRGDSGTATVlVTLQDINDNFPFFtQTkYTFVVP EDTRVGTSVG SLFVEDPDEPQNRMTKYSILRGDYQDAFTIETNPAHNEGIIK PMKPLDYE YIQQYSFIVEATDPTIDLRyMSPPAGNRAQVIINITDVDEPPIF QQPFYH FQLKENQKkPLIGTVLAMPDAArHSIGYSIRRTSDKGQFF RVTKKGDYI NEKELDREVYPWYNLTVEAKELDSTGTPTGKESMQVHIE VLDENDNAPE FAKPYQPKVCENAVHGQLVLQISAIKDITPRNVKFKFILNT ENNFTLTD NHDNTANITVKYQGFDRHtkVHFLPVVISDNGMPSRTGT STLTVAVCKC</p>	

NEQGEFTFCEDMAAQVGVSIQLEPKSCDKTHTCPPCPAP
ELLGGPSVFLF
PPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV
EVHNAKTKPRE
EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIE
KTISKAKGQP
REPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWES
NGQPENNYKT
TPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEA
LHNHYTQKSLSL SPGKHHHHHH

Predicted molecular weight	92 kDa including tags
Amino acids	29 to 599
Tags	His tag C-Terminus
Additional sequence information	Fused to hlgG-His-tag at C-terminus (NP_001786).

Specifications

Our [Abpromise guarantee](#) covers the use of **ab224783** 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

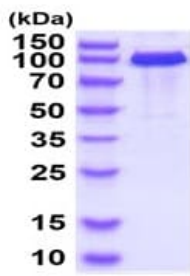
Preparation and Storage

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: 10% Glycerol (glycerin, glycerine), PBS
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General Info

Function	Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. This cadherin may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. It associates with alpha-catenin forming a link to the cytoskeleton.
Tissue specificity	Endothelial tissues and brain.
Sequence similarities	Contains 5 cadherin domains.
Post-translational modifications	Phosphorylated on tyrosine residues by KDR/VEGFR-2. Dephosphorylated by PTPRB.
Cellular localization	Cell junction. Cell membrane. Found at cell-cell boundaries and probably at cell-matrix boundaries.

Images



15% SDS-PAGE analysis of 3 µg ab224783.

MW: 70-100 kDa (SDS-PAGE under reducing conditions).

SDS-PAGE - Recombinant Human VE Cadherin
protein (Fc Chimera His Tag) (ab224783)

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

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