

Product datasheet

Recombinant Human VE Cadherin protein ab112269

1 Image

Description

Product name	Recombinant Human VE Cadherin protein	
Biological activity	useful for Antibody Production and Protein Array	
Expression system	Wheat germ	
Accession	P33151	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	WNQMHIDEEKNTSLPHHVGKIKSSVSRKNAKYLLKGEYVG KVFRVDAETG DVFAIERLDRENISEYHLTAVIVDKDTGENLETPSSFTIKVH DVNDNWPV	
Predicted molecular weight	37 kDa including tags	
Amino acids	51 to 150	
Tags	GST tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab112269** 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 Peptide Array Western blot ELISA
Form	Liquid
Additional notes	This product is useful for Antibody Production and Protein Array.

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: 0.31% Glutathione, 0.79% Tris HCl

Glutathione is reduced

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.

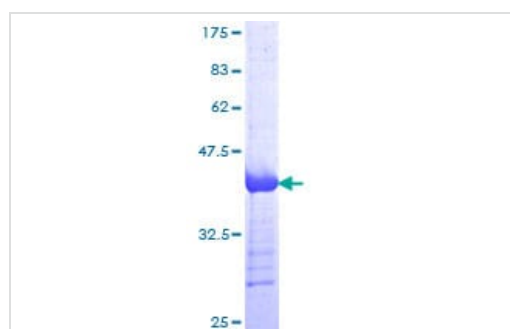
Post-translational modifications

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



12.5% SDS-PAGE Stained with Coomassie Blue.

SDS-PAGE - Recombinant Human VE Cadherin protein (ab112269)

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

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