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Datasheet for ABIN7534565  
**Cadherin 5 Protein (CDH5) (Fc Tag,His tag)**

### Overview

Quantity:	100 µg
Target:	Cadherin 5 (CDH5)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cadherin 5 protein is labelled with Fc Tag,His tag.

### Product Details

Purpose:	Recombinant Human CDH5/VE-cadherin/CD144 Protein
Sequence:	DWIWNQMHID EEKNTSLPHH V GKIKSSVSR KNAKYLLKGE YVGKVFVRVDA ETGDVF AIER LDRENISEYH LTAVIDKDT GENLETPSSF TIKVHDVNDN WPVFTHRLFN ASVPESAVG TSVISVTAVD ADDPTVGDHA SVMYQILK GK EYFAIDNSGR IITITKSLDR EKQARYEIV EARDAQGLRG DSGTATVLVT LQDINDNFPF FTQTKYTFVW PEDTRVGT SV GSLFVEDPDE PQNRMTKYSI LRGDYQDAFT IETNPAHNEG IIKPMKPLDY EYIQQYSFIV EATDPTIDLR YMSPPAGNRA QVIINITDVD EPIFQQPFY HFQLKENQKK PLIGTVLAMD PDAARHSIGY SIRRTSDKGQ FFRVTKKGDI YNEKELDREV YPWYNLTVEA KELDSTGTPT GKESIVQVHI EVL DENDNAP EFAKPYQPKV CENAVHGQLV LQISAIDKDI TPRNVKFKFI LNTENNFTLT DNHDNTANIT VKYGQFDREH TKVHFLPVVI SDNGMPSRTG TSTLTAVACK CNEQGEFTFC EDMAAQ
Specificity:	Asp48-Gln593
Purity:	> 85 % by SDS-PAGE.
Sterility:	0.22 µm filtered

## Product Details

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Endotoxin Level: < 0.1 EU/μg of the protein by LAL method.

## Target Details

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Target: Cadherin 5 (CDH5)

Alternative Name: CDH5/VE-cadherin/CD144 ([CDH5 Products](#))

Background: CDH5,7B4,CD144,cadherin-5

Gene ID: 1003

UniProt: [P33151](#)

Pathways: [Cell-Cell Junction Organization, Signaling Events mediated by VEGFR1 and VEGFR2](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.  
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.