

Recombinant Human CDH5 Protein, hlgG-His-tagged

Cat. No. CDH5-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VE-Cadherin/CDH5 protein (aa 29-599), fused to hlgG-His-tag at C-terminus, expressed in insect cell via Baculovirus system and purified by conventional chromatography. Molecular weight 91.5 kDa (810aa including tag).
Species	Human
Source	Insect Cells
ProteinLength	29-599 aa
Form	Liquid
Molecular Mass	91.5 kDa
AASequence	NPAQRDTHSL LPTHRRQKRD WIWNQMHIDE EKNTSLPHHV GKI KSSVSRK NAKYLLKGEY VGKVFRVDAE TGDVFAIERLDRENISEYHL TAVIVDKDTG ENLETPSSFT IKVHDVNDNW PVFTHRLFNA SVPESAVGT SVISVTAVDA DDPTVGDHASVMYQILKGKE YFAIDNSGRI ITITKSLDRE KQARYEIVVE ARDAQGLRGD SGTATVLVTL QDINDNFPFF TQTKYTFVVPEDTRVGTSVG SLFVEDPDEP QNRMTKYSIL RGDYQDAFTI ETNPAHNEG I KPMKPLDYE YIQQYSFIVE ATDPTIDLRYMSPPAGNRAQ VIINITDVDE PPIFQQPFYH FQLKENQKKP LIGTVLAMDP DAARHSIGYS IRRTSDBGQF FRVTKKGDIYNEKELDREYV PWYNLTVEAK ELDSTGTPTG KESIVQVHIE VLDENDNAPE FAKPYQPKVC ENAVHGQLVL QISAIDKDITPRNVKFKFIL NTENNFTLTD NHDNTANITV KYGQFDREHT KVHFLPVVIS DNGMPSRTGT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

STLTAVCKC NEQGEFTFCEDMAAQVGVSI QLEPKSCDKT HTCPPCPAPE
 LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV
 KFNWYVDGVEVHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV
 SNKALPAPIE KTISKAKGQP REPQVYTLPP SRDELTKNQVSLTCLVKGFY
 PSDIAVEWES NGQPENNYKT TPPVLDSGGS FFLYSKLTVD KSRWQQGNVF
 SCSVMHEALH NHYTQKSLSLSPGKHHHHHH

Endotoxin	< 1 EU per 1 ug of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Storage	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL
Unit definition	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name	CDH5
Official Symbol	CDH5
Synonyms	Cadherin-5; CD144; 7B4; VE-cadherin; Vascular endothelial cadherin
Gene ID	1003
Protein Refseq	NP_001786.2
MIM	601216

 Tel: 1-631-559-9269 1-516-512-3133

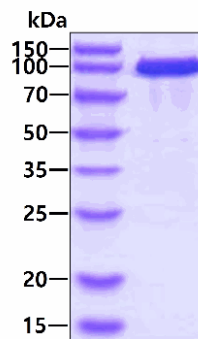
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

P33151

**SDS-PAGE of
Recombinant Human
VE-Cadherin/CDH5
Protein**



3 ug of Recombinant Human VE-Cadherin/CDH5 Protein was resolved by SDS-PAGE under reducing condition and visualized by Coomassie Blue staining.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA