Human CDH5 Recombinant Protein

RPPB3128

Product Information

Product SKU:
RPPB3128

Accession:
P33151

Host:
Sf9, Insect cells.

Protein Information

Protein description:
Cadherin 5 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 810 amino acids (29-599 a.a.) and having a molecular mass of 91.5kDa (Migrates at 70-100kDa on SDS-PAGE under reducing conditions). CDH5 is expressed with a 239 amino acid hIgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:
Sterile filtered colorless solution.

Synonyms:
Cadherin 5, VE-Cadherin, Cadherin 5 Type 2 VE-Cadherin (Vascular Epithelium), CDH5, Cadherin 5 Type 2 (Vascular Endothelium), Vascular Endothelial Cadherin, 7B4 Antigen, Endothelial-Specific Cadherin, Cd144 Antigen, CD144 Antigen, Cadherin-5, CD144, 7B4.

Formulation:
CDH5 solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 10% glycerol.

Purity:
Greater than 90.0% as determined by SDS-PAGE.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:
NPAQRDTHSL LPTHRRQKRD WIWNQMHIDE EKNTSLPHHV GKIKSSVSRK NAKYLLKGEY VGKVFRVDAE TGDVFAIERL DRENISEYHL TAVIVDKDTG ENLETPSSFT IKVHDVNDNW PVFTHRLFNA SVPESSAVGT SVISVTAVDA DDPTVGDHAS VMYQILKGKE YFAIDNSGRI ITITKSLDRE KQARYEIVVE ARDAQGLRGD SGTATVLVTL QDINDNFPFF TQTKYTFVVP EDTRVGTSVG SLFVEDPDEP QNRMTKYSIL RGDYQDAFTI ETNPAHNEGI IKPMKPLDYE YIQQYSFIVE ATDPTIDLRY MSPPAGNRAQ VIINITDVDE PPIFQQPFYH FQLKENQKKP LIGTVLAMDP DAARHSIGYS IRRTSDKGQF FRVTKKGDIY NEKELDREVY PWYNLTVEAK ELDSTGTPTG KESIVQVHIE VLDENDNAPE FAKPYQPKVC ENAVHGQLVL QISAIDKDIT PRNVKFKFIL NTENNFTLTD NHDNTANITV KYGQFDREHT KVHFLPVVIS DNGMPSRTGT STLTVAVCKC NEQGEFTFCE DMAAQVGVSI QLEPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SRDELTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSDGS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGKHHHHHH.