CDH13 (Recombinant)

Cat. No. PT010

Lot. No. (See product label)

Product Description	CDH13 gene encodes a member of the cadherin superfamily. The encoded protein is localized to the surface of the cell membrane and is anchored by a GPI moiety, rather than by a transmembrane domain. The protein lacks the cytoplasmic domain characteristic of other cadherins, and so is not thought to be a cell-cell adhesion glycoprotein. This protein acts as a negative regulator of axon growth during neural differentiation. It also protects vascular endothelial cells from apoptosis due to oxidative stress, and is associated with resistance to atherosclerosis. The gene is hypermethylated in many types of cancer.
State	Solution
Concentration	0.5 mg/mL
Purity	> 90%
Formulation	Formulated in 20 mM pH 8.0 TRIS-HCL Buffer, with proprietary formulation of NaCl, KCl, EDTA, L-Arginine, DTT and Glycerol
Sterilization Method	Filtration
Storage/Stability	-20 °C
Shelf Life	Minimum of 6 months from date of receipt
Accession Number	NP_001248
Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFELSIVVSPILIPENQRQ PFPRDVGKVVDSDRPERSKFRLTGKGVDQEPKGIFRINENTGSVSVT RTLDREVIAVYQLFVETTDVNGKTLEGPVPLEVIVIDQNDNRPIFREGP YIGHVMEGSPTGTTVMRMTAFDADDPATDNALLRYNIRQQTPDKPSP

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NMFYIDPEKGDIVTVVSPALLDRETLENPKYELIIEAQDMAGLDVGLTG
TATATIMIDDKNDHSPKFTKKEFQATVEEGAVGVIVNLTVEDKDDPTT
GAWRAAYTIINGNPGQSFEIHTNPQTNEGMLSVVKPLDYEISAFHTLLI
KVENEDPLVPDVSYGPSSTATVHITVLDVNEGPVFYPDPMMVTRQED
LSVGSVLLTVNATDPDSLQHQTIRYSVYKDPAGWLNINPINGTVDTTA
VLDRESPFVDNSVYTALFLAIDSGNPPATGTGTLLITLEDVNDNAPFIY
PTVAEVCDDAKNLSVVILGASDKDLHPNTDPFKFEIHKQAVPDKVWKI
SKINNTHALVSLLQNLNKANYNLPIMVTDSGKPPMTNITDLRVQVCSC
RNSKVDCNAAG

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