

Recombinant Human CDH13 protein, T7/His-tagged

Cat. No. CDH13-31H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CDH13 extracellular domain (139-693 aa) fused with 31 N-terminal T7/His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	139-693 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGRHHHHHGNLYFQGGEFELSIVVSPILIPENQRQPFPRDVGKV VSDRPERSKFRLTGKGVDQ EPKGIFRINENTGSVSVTRTLTREVIQVQLFVETTD VNGKTLEGPVPLEVIVIDQNDNRPIFREGPYIGHVMEG SPTGTTVMRMTAFDADDP ATDNALLRYNIRQQTPDKPSPNMFYIDPEKGDIVTVVSPALLDRETLENPKYELIIE AQ DMAGLDVGLTGATATIMIDDKNDHSPKFTKKEFQATVEEGAVGVIVNLTVEDKDDP TTGAWRAAYTIINGNP GQSFEIHTNPQTNEGMLSVVKPLDYEISAFHTLLIKVENEDP LVPDVSYGPSSTATVHITVLDVNEGPFVFPDPM MVTRQEDLSVGSVLLTVNATDPD SLQHQTIRYSVYKDPAGWLNINPINGTVDTTAVLDRESPFDNSVYTALFLA IDSGNP PATGTGTLITLEDVNDNAPFIYPTVAEVCDDAKNLSVILGASDKDLHPNTDPFKFEI HKQAVPDKVW KISKINNTHALVSLLQNLNKNANYNLPIMVTDSGKPPMTNITDLRVQV CSCRNSKVDCNAAG
Purity	>90% by SDS-PAGE

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Applications

1. Protein can be used as coating matrix protein for study human neuronal and vascular endothelial cell / Receptor interaction in vitro. 2. As highly purified protein, may be used as culture matrix protein for human neuronal axon connection study in vitro.

Storage

Keep at -20centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION

Gene Name CDH13 cadherin 13, H-cadherin (heart) [Homo sapiens]

Official Symbol CDH13

Synonyms CDH13; cadherin 13, H-cadherin (heart); cadherin-13; CDHH; T cadherin; T-cad; H-cadherin; T-cadherin; heart cadherin; P105;

Gene ID 1012

mRNA Refseq NM_001220488

Protein Refseq NP_001207417

MIM 601364

UniProt ID P55290

Chromosome Location 16q23.3

Pathway Adherens junctions interactions, organism-specific biosystem; Cell junction

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organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem;

Function

adiponectin binding; cadherin binding; calcium ion binding; lipoprotein particle binding; low-density lipoprotein particle binding;

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