

Recombinant Human CDH1 Protein, C-8His tagged, Biotinylated

Cat. No. CDH1-41H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human Cadherin-1 is produced by Human 293 Cells. The target gene encoding Q23-A709 is expressed with a 8His tag at the C terminus.
Species	Human
Source	HEK293
ProteinLength	Q23-A709
Description	E-Cadherin is a calcium-dependent cell adhesion glycoprotein that belongs to the cadherin family. E-Cadherin is expressed in non-neural epithelial tissues. It tends to interact with each other in a homophilic manner in connecting cells. E-Cadherin clusters are critical components of adherent junctions between epithelial cells and act in the formation and maintenance of the epithelial cell barrier. E-Cadherin is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells and has a potent invasive suppressor role. E-Cadherin loss contributes to cancer metastasis. The extracellular E-Cadherin N-terminal domain can be cleaved by several proteases and is released as a soluble factor that enhances cancer cell motility and EGFR-dependent survival and proliferation.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.2
Shipping	Ambient

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Conjugation Biotin

GENE INFORMATION

Gene Name CDH1 cadherin 1, type 1, E-cadherin (epithelial) [Homo sapiens (human)]

Official Symbol CDH1

Synonyms Cadherin-1; CDH1; CAM 120/80; E-cadherin; CD324

Gene ID 999

mRNA Refseq NM_004360

Protein Refseq NP_004351

MIM 192090

UniProt ID P12830

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