Recombinant Human CDH3, MYC/DDK-tagged

Cat. No. CDH3-289H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH3 fussed with MYC/DDK tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. This gene is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. In addition, aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in this gene have been associated with congential hypotrichosis with juvenile macular dystrophy.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	88.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CDH3 cadherin 3, type 1, P-cadherin (placental) [Homo sapiens]
Official Symbol	CDH3
Synonyms	CDHP; HJMD; PCAD; cadherin-3; calcium-dependent adhesion protein, placental
Gene ID	1001
mRNA Refseq	NM_001793
Protein Refseq	NP_001784
MIM	114021
UniProt ID	P22223
Chromosome Location	16q22.1
Pathway	Adherens junctions interactions, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem
Function	calcium ion binding; molecular_function

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