

Recombinant Human CDH20 Protein, His-tagged

Cat. No. CDH20-719H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH20 Protein (Trp61-Phe274) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Trp61-Phe274
Description	This gene is a type II classical cadherin from the cadherin superfamily and one of three cadherin 7-like genes located in a cluster on chromosome 18. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Since disturbance of intracellular adhesion is a prerequisite for invasion and metastasis of tumor cells, cadherins are considered prime candidates for tumor suppressor genes.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.5 kDa; Accurate Molecular Mass: 31 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	CDH20 cadherin 20, type 2 [Homo sapiens (human)]
Official Symbol	CDH20
Synonyms	CDH20; cadherin 20, type 2; cadherin-20; Cdh7; CDH7L3; FLJ37047;
Gene ID	28316
mRNA Refseq	NM_031891
Protein Refseq	NP_114097
MIM	605807
UniProt ID	Q9HBT6

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