

Recombinant Human CDH22 Protein, His-tagged

Cat. No. CDH22-720H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH22 Protein (Trp64-Phe277) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Trp64-Phe277
Description	This gene is a member of the cadherin superfamily. The gene product is composed of five cadherin repeat domains and a cytoplasmic tail similar to the highly conserved cytoplasmic region of classical cadherins. Expressed predominantly in the brain, this putative calcium-dependent cell adhesion protein may play an important role in morphogenesis and tissue formation in neural and non-neural cells during development and maintenance of the brain and neuroendocrine organs.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.4 kDa; Accurate Molecular Mass: 29 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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

CDH22 cadherin 22 [Homo sapiens (human)]

Official Symbol

CDH22

Synonyms

CDH22; cadherin 22; C20orf25; dJ998H6.1; cadherin-22; PB-cadherin; cadherin 22, type 2; cadherin-like 22; ortholog of rat PB-cadherin; pituitary and brain cadherin

Gene ID

64405

mRNA Refseq

NM_021248

Protein Refseq

NP_067071

MIM

609920

UniProt ID

Q9UJ99

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