# Recombinant Human CDH22 Protein, His-tagged

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

## SPECIFICATION

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| **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

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| **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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