

# Recombinant Full Length Human Cadherin-2(Cdh2) Protein, His-Tagged

**Cat. No.** RFL12778HF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Human Cadherin-2(CDH2) Protein (P19022) (160-906aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Human

### Source

E.coli

### ProteinLength

Full Length of Mature Protein (160-906)

### Form

Lyophilized powder

### AA Sequence

DWVIPPINLPENSRGPFQELVIRISDRDKNLSLRYSVTGPGADQPPTGIFIINPISGQ  
 LSVTKPLDREQUIARFHLRAHAVDINGNQVENPIDIVINVIDMNDNRPEFLHQVWNGTV  
 PEGSKPGTYVMTVTAIDADDPNALNGMLRYRIVSQAPSTPSPNMFTINNETGDIITVA  
 AGLDREKVQQYTLIIQATDMEGNPTYGLSNTATAVITVTDVNDNPPEFTAMTFYGEV  
 PENRVDIIVANLTVTDKDPHTPAWNAVYRISGGDPTGRFAIQTDPNSENDGLVTVVK  
 PIDFETNRMFVLTVAAENQVPLAKGIQHPPQSTATVSVTVIDVNENPYFAPNPKIIRQE  
 EGLHAGTMLTTFTAQDPDRYMQQNIQYTKLSDPANWLKIDPVNGQITTIIVLDRESP  
 NVKNNIYNATFLASDNGIPPMSGTGTLQIYLLDINDNAPQVLPQEAETCETPDPNISINI  
 TALDYDIDPNAGPFAFDLPLSPVTIKRNWTITRLNGDFAQLNLKIKFLEAGIYEVPIIITD  
 SGNPPKSNISILRVKVCQCDSNGDCTDVDRIVGAGLGTGAIILLIILLILVLMFVWW  
 MKRRDKERQAKQLLIDPEDDVRDNILKYDEEGGGEEDQDYDLSQLQQPDTVEPDAI  
 KPVGIRRMDERPIHAEPQYPVRSAAHPHGDIGDFINEGLKAADNDPTAPPYDSSLVF

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DYEGSGSTAGSLSSLNSSSSGGEQDYDYLNDWGPRFKKLADMYGGGDD

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** SDS-PAGE

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** CDH2

**Synonyms** CDH2; CDHN; NCAD; Cadherin-2; CDw325; Neural cadherin; N-cadherin; CD antigen CD325

**UniProt ID** [P19022](https://www.uniprot.org/entry/P19022)

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