

## Recombinant Human CDH1 protein, His-tagged

**Cat. No.** CDH1-2677H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Recombinant Human CDH1 protein(P12830)(155-707aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 155-707aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 64.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | <p>DWVIPPISCPENEKGPFPKNLVQIKSNKDKEGKVFYSITGQGADTPPVGVFIHERETG<br/> WLKVTEPLDRERIATYTLFSHAVSSNGNAVEDPMEILITVTDQNDNKPEFTQEVFKG<br/> SVMEGALPGTSVMEVTATDADDDVNTYNAAIAYTILSQDPELPDKNMFTINRNTGVIS<br/> VTTGLDRESFPTYTLVVQAADLQGEGLSTTATAVITVTDNDNPPIFNPTTYKGQVP<br/> ENEANVVITTLKVTDADAPNTPAWEAVYTILNDDGGQFVVTNNPVNNDGILKTAKGL<br/> DFEAKQQYILHVAVTNVVPFEVSLTTSTATVTVDVLDVNEAPIFVPPEKRVEVSEDFG<br/> VGQEITSYTAQEPDTFMEQKITYRIWRDTANWLEINPDTGAISTRAELDREDFEHVKN<br/> STYTALIIATDNGSPVATGTGTLILLSDVNDNAPIPEPRTIFFCERNPKPQVINIIDADL<br/> PPNTSPFTAELTHGASANWTIQYNDPTQESIILKPKMALEVGDYKINLKLMDNQNKD</p> |

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|                         |                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | QVTTLEVSVCDCEGAAGVCRKAQPVEAGLQI                                                                                                                                                                                                                                                |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                    |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                 |
| <b>Reconstitution</b>   | 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%.                  |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>        | CDH1 cadherin 1, type 1, E-cadherin (epithelial) [ Homo sapiens ]                                                                                                                                                                                                              |
| <b>Official Symbol</b>  | CDH1                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>         | CDH1; cadherin 1, type 1, E-cadherin (epithelial); UVO; cadherin-1; CD324; E Cadherin; uvomorulin; CAM 120/80; E-Cadherin; cell-CAM 120/80; epithelial cadherin; cadherin 1, E-cadherin (epithelial); calcium-dependent adhesion protein, epithelial; CDHE; ECAD; LCAM; Arc-1; |
| <b>Gene ID</b>          | 999                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>      | NM_004360                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>   | NP_004351                                                                                                                                                                                                                                                                      |
| <b>MIM</b>              | 192090                                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>       | P12830                                                                                                                                                                                                                                                                         |

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