

## Recombinant Rat Cdh1 protein, His & S-tagged

**Cat. No.** Cdh1-584R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Cdh1 (Q9R0T4) aa. (Asp374~Ser628) fused with N-terminal His & S tag was produced in E. coli cells.                                                        |
| <b>Species</b>          | Rat                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                    |
| <b>ProteinLength</b>    | Asp374~Ser628                                                                                                                                                             |
| <b>Description</b>      | Cell-cell adhesion molecule; may play a role in axonal growth and synapse formation.                                                                                      |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                       |
| <b>Molecular Mass</b>   | 34 kDa as determined by SDS-PAGE reducing conditions.                                                                                                                     |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                              |
| <b>Purity</b>           | > 95%                                                                                                                                                                     |
| <b>Characteristic</b>   | The isoelectric point is 4.5.                                                                                                                                             |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                  |
| <b>Stability</b>        | 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°C for 48h, |

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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°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

PBS, pH7.4.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4

## GENE INFORMATION

**Gene Name**

[Cdh1 cadherin 1 \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Cdh1](#)

**Synonyms**

Cdh1; cadherin 1; cadherin-1; E-cadherin; epithelial cadherin; uvomorulin

**Gene ID**

[83502](#)

**mRNA Refseq**

[NM\\_031334.1](#)

**Protein Refseq**

[NP\\_112624.1](#)

**UniProt ID**

[Q9R0T4](#)

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