

Recombinant Rat Cdh2 protein, His-tagged

Cat. No. Cdh2-7025R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cdh2 aa. (Ser563~Ser685 (Accession # Q9Z1Y3)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser563~Ser685
Description	Cell-cell adhesion molecule; may play a role in smooth muscle cell migration and adhesion in response to injury.
Form	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.7.
Applications	SDS-PAGE; WB; ELISA; IP
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°C 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°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose.

Reconstitution

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

GENE INFORMATION

Gene Name

Cdh2 cadherin 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cdh2

Synonyms

Cdh2; cadherin 2; N-cadherin; cadherin-2; cadherin 2, type 1, N-cadherin (neuronal); neural cadherin

Gene ID

83501

mRNA Refseq

NM_031333.1

Protein Refseq

NP_112623.1

UniProt ID

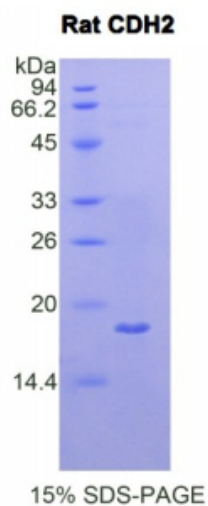
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SDS-PAGE



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