

Recombinant Rat Cdh1 protein, His-tagged

Cat. No. Cdh1-583R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cdh1 (Q9R0T4) aa. (Arg155~Phe266) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg155~Phe266
Description	Cell-cell adhesion molecule; may play a role in axonal growth and synapse formation.
Form	Freeze-dried powder
Molecular Mass	15 kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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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