

Recombinant Rat Cdh1, His-tagged

Cat. No. Cdh1-549R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the rat CDH1 (Q9R0T4) (Met1-Ala713) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	Human Cells
ProteinLength	Met1-Ala713
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant rat CDH1 comprises 702 amino acids and predicts a molecular mass of 78.4 kDa. The apparent molecular mass of the recombinant protein is approximately 79 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name [Cdh1 cadherin 1 \[Rattus norvegicus \]](#)

Official Symbol [Cdh1](#)

Synonyms [CDH1](#); [cadherin 1](#); [cadherin-1](#); [E-cadherin](#); [uvomorulin](#); [epithelial cadherin](#);

Gene ID [83502](#)

mRNA Refseq [NM_031334](#)

Protein Refseq [NP_112624](#)

Pathway [Adaptive Immune System, organism-specific biosystem](#); [Adherens junction, organism-specific biosystem](#); [Adherens junction, conserved biosystem](#); [Adherens junctions interactions, organism-specific biosystem](#); [Apoptosis, organism-specific biosystem](#); [Apoptotic cleavage of cell adhesionproteins, organism-specific biosystem](#); [Apoptotic cleavage of cellular proteins, organism-specific biosystem](#);

Function [GTPase activating protein binding](#); [GTPase activating protein binding](#); [RPTP-like protein binding](#); [beta-catenin binding](#); [calcium ion binding](#); [calcium ion binding](#); [gamma-catenin binding](#); [gamma-catenin binding](#); [protein binding](#); [protein domain specific binding](#)

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