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℃
Storage	Store it under sterile conditions at -70℃. 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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