

Recombinant Rat CDH6 Protein, His-tagged

Cat. No. CDH6-1098R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat CDH6 (EDL82944.1) (Met1-Ala615) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-615 a.a.
Predicted N Terminal	Thr 19
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat CDH6 comprises 608 amino acids and predicts a molecular mass of 67.9 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>80 % 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 -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Cdh6 cadherin 6 [*Rattus norvegicus*]

Official Symbol CDH6

Synonyms CDH6; cadherin 6; cadherin-6; K-cadherin; kidney cadherin; KCAD;

Gene ID 25409

mRNA Refseq NM_012927

Protein Refseq NP_037059

MIM

UniProt ID

Pathway Adherens junctions interactions, organism-specific biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem;

Function calcium ion binding;

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