

Recombinant Rat Pcdhb5 Protein, His-tagged

Cat. No. Pcdhb5-2554R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pcdhb5 Protein (Glu39-Gln282) with a N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Glu39-Gln282
Description	Predicted to enable calcium ion binding activity. Predicted to be involved in cell adhesion. Predicted to be integral component of plasma membrane. Orthologous to human PCDHB4 (protocadherin beta 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.7 kDa Accurate Molecular Mass: 34 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Pcdhb5 protocadherin beta 5 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Pcdhb5

Synonyms

Pcdhb5; protocadherin beta 5; protocadherin beta-4

Gene ID

291654

mRNA Refseq

NM_001114602

Protein Refseq

NP_001108074

UniProt ID

M0RC78

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