

Recombinant Rat Pcdhb7 Protein, His-tagged

Cat. No. Pcdhb7-1919R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pcdhb7 Protein (Glu28-Asp161) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Glu28-Asp161
Description	Predicted to enable calcium ion binding activity. Predicted to be involved in homophilic cell adhesion via plasma membrane adhesion molecules.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.5 kDa Accurate Molecular Mass: 19 kDa
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 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.

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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	Pcdhb7 protocadherin beta 7 [Rattus norvegicus (Norway rat)]
Official Symbol	Pcdhb7
Synonyms	PCDHB7; protocadherin beta 7; protocadherin-T3; pcdh-T3;
Gene ID	291652
mRNA Refseq	XM_001055294
Protein Refseq	XP_001055294
UniProt ID	M0R4V1

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