

Recombinant Rat Pcdhga7 Protein, His-tagged

Cat. No. Pcdhga7-2560R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pcdhga7 Protein (Gly31-Val253) with a N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gly31-Val253
Description	Predicted to enable calcium ion binding activity. Predicted to be involved in homophilic cell adhesion via plasma membrane adhesion molecules. Predicted to be located in membrane. Orthologous to human PCDHGA7 (protocadherin gamma subfamily A, 7).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.4 kDa Accurate Molecular Mass: 28 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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.
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	Pcdhga7 protocadherin gamma subfamily A, 7 [Rattus norvegicus (Norway rat)]
Official Symbol	Pcdhga7
Synonyms	PCDHGA7; protocadherin gamma subfamily A, 7; PCDH-GAMMA-A7; protocadherin gamma-A7
Gene ID	291635
mRNA Refseq	NM_001014773
Protein Refseq	NP_001014773
UniProt ID	D3ZQY0

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