

Recombinant Rat Pcdh12 Protein, His-tagged

Cat. No. Pcdh12-1904R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pcdh12 Protein (Leu17-Tyr216) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Leu17-Tyr216
Description	Predicted to enable calcium ion binding activity. Predicted to be involved in cell adhesion. Predicted to act upstream of or within several processes, including calcium-dependent cell-cell adhesion via plasma membrane cell adhesion molecules; glycogen metabolic process; and homophilic cell adhesion via plasma membrane adhesion molecules. Predicted to be located in cell-cell junction. Predicted to be integral component of plasma membrane. Orthologous to human PCDH12 (protocadherin 12).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.8 kDa Accurate Molecular Mass: 26 kDa
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	Pcdh12 protocadherin 12 [Rattus norvegicus (Norway rat)]
Official Symbol	Pcdh12
Synonyms	PCDH12; protocadherin 12; vascular endothelial cadherin 2;
Gene ID	116808
mRNA Refseq	NM_053944
Protein Refseq	NP_446396
UniProt ID	F1MA46

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