

Recombinant Mouse Pcdha4 Protein, His-tagged

Cat. No. Pcdha4-1911M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pcdha4 Protein (Gln30-Gly217) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln30-Gly217
Description	Enables calcium ion binding activity and identical protein binding activity. Predicted to be involved in cell adhesion. Located in endoplasmic reticulum; membrane; and synapse. Is expressed in brain.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.9 kDa Accurate Molecular Mass: 27 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

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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

[Pcdha4](#) protocadherin alpha 4 [*Mus musculus* (house mouse)]

Official Symbol

[Pcdha4](#)

Synonyms

[Pcdha4](#); protocadherin alpha 4; [Cnr1](#); [Cnrn1](#); [R75250](#); protocadherin alpha-4; PCDH-alpha-4; cadherin-related neuronal receptor 1

Gene ID

[12936](#)

mRNA Refseq

[NM_007766](#)

Protein Refseq

[NP_031792](#)

UniProt ID

[O88689](#)

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