

Recombinant Mouse Pcdhb8 Protein, His-tagged

Cat. No. Pcdhb8-2555M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pcdhb8 Protein (Ile31-Asp234) with a N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ile31-Asp234
Description	Enables calcium ion binding activity and identical protein binding activity. Predicted to be involved in cell adhesion. Predicted to be located in plasma membrane. Predicted to be integral component of membrane. Predicted to be integral component of plasma membrane. Is expressed in metanephros; nervous system; and retina. Orthologous to human PCDHB5 (protocadherin beta 5).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.4 kDa Accurate Molecular Mass: 26 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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Pcdhb8 protocadherin beta 8 [Mus musculus (house mouse)]
Official Symbol	Pcdhb8
Synonyms	Pcdhb8; protocadherin beta 8; PcdhbH; Pcdhb5C; protocadherin beta-8 PCDH-beta-8
Gene ID	93879
mRNA Refseq	NM_053133
Protein Refseq	NP_444363
UniProt ID	A8E4K6

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