Recombinant Mouse Pcdhb6 Protein, His-tagged

Cat. No. Pcdhb6-1918M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pcdhb6 Protein (Leu75-Gly275) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu75-Gly275
Description	Enables calcium ion binding activity and identical protein binding activity. Involved in cell-cell recognition and homophilic cell adhesion via plasma membrane adhesion molecules. Is integral component of plasma membrane. Is expressed in brain; liver; and metanephros. Orthologous to human PCDHB5 (protocadherin beta 5).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.8 kDa Accurate Molecular Mass: 26 kDa
Purity	> 95%
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

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	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	Pcdhb6 protocadherin beta 6 [Mus musculus (house mouse)]
Official Symbol	Pcdhb6
Synonyms	PCDHB6; protocadherin beta 6; PcdhbF; Pcdhb5B;
Gene ID	93877
mRNA Refseq	NM_053131
Protein Refseq	NP_444361
UniProt ID	Q91XZ4

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