

Recombinant Human PCDHB6 Protein, His-tagged

Cat. No. PCDHB6-1917H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCDHB6 Protein (Glu39-Pro251) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu39-Pro251
Description	This gene is a member of the protocadherin beta gene cluster, one of three related gene clusters tandemly linked on chromosome five. The gene clusters demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. Unlike the alpha and gamma clusters, the transcripts from these genes do not share common 3' exons. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins that most likely play a critical role in the establishment and function of specific cell-cell neural connections. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.7 kDa Accurate Molecular Mass: 33 kDa
Purity	> 90%

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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 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 [Homo sapiens (human)]
Official Symbol	PCDHB6
Synonyms	PCDHB6; protocadherin beta 6; protocadherin beta-6; PCDH BETA6; PCDH-beta-6; PCDH-BETA6;
Gene ID	56130
mRNA Refseq	NM_018939
Protein Refseq	NP_061762
MIM	606332

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UniProt ID

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