

PCDHB16 抗原（重组蛋白）

中文名称：PCDHB16 抗原（重组蛋白）

英文名称：PCDHB16 Antigen (Recombinant Protein)

别名：protocadherin beta 16; ME1; PCDH3X; PCDHB8a; PCDH-BETA16

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 29-300 amino acids of human PCDHB16

技术规格：

Full name:	protocadherin beta 16
Synonyms:	ME1; PCDH3X; PCDHB8a; PCDH-BETA16
Swissprot:	Q9NRJ7
Gene Accession:	BC036062
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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. The beta cluster contains 16 genes and 3 pseudogenes, each encoding 6 extracellular cadherin domains and a cytoplasmic tail that deviates from others in

the cadherin superfamily. The extracellular domains interact in a homophilic manner to specify differential cell-cell connections. Unlike the alpha and gamma clusters, the transcripts from these genes are made up of only one large exon, not sharing common 3' exons as expected. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins. Their specific functions are unknown but they most likely play a critical role in the establishment and function of specific cell-cell neural connections.