

Proteoliposomes

Full-Length

PCDHB11 (Human) Recombinant Protein

Catalog # H00056125-G01

Size 10 ug

Specification

Product Description

Human PCDHB11 full-length ORF (ADR83269.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MENQGTTRTQQIRQVLLLFVLLGMSQAGSETWSFSVAEEMQSGSFVGNLAKDLGLKVRELSSRG
ARVVSNDKKQRLQLDINTGDLLLSETLDREELCGSIEPCVLHLQVLMQNPTQFLQIELQVRDINDH
SPIFSEKQMLLEIPENSPVGAVFLLESADKLDVGINAVKSYTISPNSHFHIKMRVIPDNRKYPELVLD
KALDYEELPELSFILSALDGGSPPRSGTALVRVVVDINDNSPEFEQAFYEVKIRENSILGSLILVS
AWDLDSGTNGEICYTFSHASEDIRKTFEINQKSGEITLRAPLDFETIESYSIIQATDGGGLFGKSTVIIH
VIDVNDNAPEITVSSITSPIENTPETVVMVFSIQDIDSGDNGRVC SIPEDLPFVLKSSVENYYTLET
ERPLDRESTAEYNITITVTDLGIPRLKTEHNTTVLVSDVNDNAPTFTQTSYTLFVRENNSPALHIGSV
SATDRDSGTNAQVNYSLLPPQDLHLPLASLVSINTDNGHLFALRSLDYEALQAFDFRVGATDRGS
PALSSSEALVRVLVDANDNSPFVLYPLQNGSAPCTELVPRAAEPGYLVTKVVAVDGDSGQNAWL
SYQLLKATEPGLFGVWAHNGEVRTARLLSERDAAKHRLVVLVKDNGEPPRSATATLQVLLVDGF
SQPYLPLPEAAPAQAAQADSLTVYLVALASVSSLFLFSVLLFVAVRLCRRSRAASVGSCSVPKG
PFPGLHVDVSGTGTLTSQSYQYEVCLTGGSETNEFKFLKPVIPNIQAKGLGKNSEENSTFRNSFGF
NF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

87.7

Interspecies Antigen Sequence

Mouse (65); Rat (62)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — PCDHB11

Entrez GeneID [56125](#)

GeneBank Accession# [HQ258515.1](#)

Protein Accession# [ADR83269.1](#)

Gene Name PCDHB11

Gene Alias ME2, MGC138337, MGC142171, PCDH-BETA11

Gene Description protocadherin beta 11

Omim ID [606337](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations cadherin ME2

Disease

- [Dominance](#)
- [Schizophrenia](#)