

Product Information

MemDX™ Membrane Protein Human PCDHB6 (Protocadherin beta 6) Full Length

Cat. No.: **MPC4412K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human PCDHB6 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

PCDHB6

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MMQTKVQNKKRQVAFFILLMLWGEVGSESIQYSVLEETESGTFVANLTKD
LGLRVGELASRGARVVFVKGNRQHLQFDPQTHDLLLNEKLDREELCGSTEP
CVLPFQVLLLENPLQFFQASLRVRDINDHAPEFPAREMLLKISEITMPGKI
FPLKMAHDLDTGSNGLQRYTISSNPHFHVLTNRNSEGRKFPELVLDKPLD
REEQPQLRLTLIALDGGSPPRSGTSEIQIQVLDINDNVPEFAQELYEAQV
PENNPLGSLVITVSARDLDAGSFGKVSALFQVDDVNQPFENAITGEIR
LRKALDFEEIQSYDVEDATDGGGLSGKCSLVVRVLDVNDNAPELTMSFF
ISLIPENLPEITVAVFSVSDADSGHNQQVICSIENNLPFLLRPSVENFYT
LVTEGALDRESRAEYNITITVTDLGTPRLKTQQSITVQVSDVNDNVPAFT
QTSYTLFVRENNSPALHIGSVSATDRDSGINAQVTYSLLPPQDPHPLSS
LVSINADNGHLFALRSLDYEALQSFEFRVGATDRGSPALSSEALVRLVL
DANDNSPFVLYPLQNGSAPCTELVPRAAEPGYLVTKVAVDGDGSGQNAWL
SYQLLKATELGLFGVWAHNGEVRTARLLSERDAAKHRLVVLVKDNGEPPR
SATATLHVLLVDGFSQPYPPLPEAAPAQADSLTVYLVVALASVSSLFL
FSVLLFVAVRLCRRSRAASVGRYSVPEGPFPGHLVDVSGTGTLSQSYQYK
VCLTGGSETNEFKFLKPIMPNFPPQGTEREMEETPTSRNSFPFS

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

PCDHB6

Full Name

Protocadherin beta 6

Introduction

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.

Alternative Names

PCDHB6; PCDH-BETA6; protocadherin beta-6; Protocadherin beta 6

Gene ID

[56130](#)

UniProt ID

[Q9Y5E3](#)