

Product Information

MemDX™ Membrane Protein Human PCDH18 (Protocadherin 18) Full Length

Cat. No.: **MPC3065K**

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

This product is a made-to-order Human PCDH18 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

PCDH18

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MHQMNAKMHFRFVFALLIVSFNHDVLGKNLKYRIYEEQRVGSVIARLSED
VADVLLKLPNPSTVRFRAMQRGNSPLLNVNEDNGEISIGATIDREQLCQK
NLNCSIEFDVITLPTHEHLQLFHIEVEVLDINDNSPQFSRSLPIEISESA
AVGTRIPLDASAFDPDVGENSELHTYSLSANDEFFNIEVRTRTDGAKYAEIV
VRELDRELKSSYELQLTASDMGVPQRSGSSILKISISDSNDNSPAFEQQS
YIIQLLENSPVGTLLLDLNATDPDEGANGKIVYSFSSHVSPKIMETFKID
SERGHLTLFKQVDYEITKSYEIDVQAQDLGPNSIPAHCKIIIKVVDVNDN
KPEININLMSPGKEEISYIFEGDPIDTFVALVRVQDKDGLNGEIVCKLH
GHGHFKLQKTYENNYLILTNAATLDREKRSEYSLTVIAEDRGTPSLSTVKH
FTVQINDINDNPPHFQRSRYEFVISENNSPGAYITTVTATDPDLGENGQV
TYTILESFILGSSITTYVTIDPSNGAIYALRIFDHEEVSQITFVVEARDG
GSPKQLVSNNTTVLTIIDENDNPVVVIGPALRNNTAEITIPKGAESGFHV
TRIRAIDRDSGVNAELSCAIVAGNEENIFIIDPRSCDIHTNVSMDSVPYT
EWELSVIIQDKGNPQLHTKVLKCMIFEYAESVTSTAMTSVSQASLDVSM
IIISLGAICAVLLVIMVLFATRCNREKKDTRSYNCRVAESTYQHHPKRP
SRQIHKGIDITLVPTINGTLPIRSHHRSSPSSSPTLERGQMGSRQSHNSHQ
SLNSLVTISSNHVPENFSLELTHATPAVEQVSQLLSMLHQQGYQPRPSFR
GNKYRSRYRALQDMDKFSKDSGRGDSEAGDSYDLGRDSPIDRLLGEG
FSDLFLTDRIPAAAMRLCTEECRVLGHSDQCWMPPLPSPSSDYRSNMFIP
GEEFPTQPQQQHPHQSLIEDDAQPADSGEKKKSFSTFGKDSPNEDTGDTS
TSSLLSEMSSVFQRLPLPSLDTYSECSEVDRSNSLERRKGPLPAKTVGYG
QGVAAWAASTHFQNPPTTNCGPPLGTHSSVQPSSKWLPAMEEIPENYEEDD
FDNVNLNHLNDGKHELMASELVAEINKLLQDVRQS

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

PCDH18

Full Name

Protocadherin 18

Introduction

This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. This gene encodes a protein which contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. Although its specific function is undetermined, the cadherin-related neuronal receptor is thought to play a role in the establishment and function of specific cell-cell connections in the brain.

Alternative Names

PCDH18; PCDH68L; protocadherin-18; protocadherin 68-like protein; Protocadherin 18

Gene ID

[54510](#)

UniProt ID

[Q9HCL0](#)