

Product Information

MemDX™ Membrane Protein Human PCDH11Y (Protocadherin 11 Y-linked) Full Length

Cat. No.: **MPC3093K**

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

This product is a made-to-order Human PCDH11Y 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

PCDH11Y

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MFRVGFLIISSSSSLPLLLVSVRVNTTNCHKCLLSGTYIFAVLLVCVV
FHSGAQEKNYTIREEIPENVLIGNLLKDLNLSLIPNKSLTTTMQFKLVYK
TGDVPLIRIEEDTGEIFTTGARIDREKLCAGIPRDEHCFYEVEVAILPDE
IFRLVKIRFLIEDINDNAPLFPATVINISIPENSAINSKYTLPAAVDPDV
GINGVQNYELIKSQNIFGLDVETPEGDKMPQLIVQKELDREKDTYVMK
VKVEDGGFPQRSSTAILQVSVTDNDNHPVFKETEIEVSIPENAPVGTSV
TQLHATDADIGENAKIHFSFNLVSNIARRLFHLNATTGLITIKEPLDRE
ETPNHKLLVLASDGLMPARAMVLVNVTDVNDNVPSIDIRYIVNPVNDTV
VLSENIPLNTKIALITVTDKADHNGRVTCFTDHEIPFRLRPVFSNQFLL
ENAAYLDEYESTKEYAIKLLAADAGKPPLNQSAMLFKVKDENDNAPVFTQ
SFVTVSIPENNSPGIQLMKVSATDADSGPNAEINYLLGPDAPPEFSLDRR
TGMLTVVKKLDREKEDKYLFTILAKDNGVPPLTSNVTVFVSIIQNDNSP
VFTHNEYKFYVPENLPRHGTVGLITVDPDYGDNSAVTSLILDENDDFTI
DSQTGVIRPNISFDREKQESYTFYVKAEDGGRVSRSSSAKVITINVVDVND
NKPVFIVPPYNYSYELVLPSTNPGTVVFQVIAVDNDTGMNAEVRYISIVGG
NTRDLFAIDQETGNITLMEKCDVTDLGLHRVLVKANDLGQPDLSFVSVIV
NLFVNESVTNATLINELVRKSEAPVTPNTEIADVSSPTSDYVKILVAAV
AGTITVVVVIFITAVVRCRQAPHLKAAQKNMQNSEWATPNPENRQMIMMK
KKKKKKKHSPKNLLLNVVTIETKADDVSDGNGRVTLDLPIDLEEQTMGK
YNWVTTPTTFKPDSPDLARHYKSASPQAFQIQPETPLNLKHIIQELPL
DNFTVACDSISNCSSSSSDPYSVSDCGYPVTTFEVPVSVHTRPSQRRVTF
HLEGSQESSSDGGLGDHDAGSLTSTSHGLPLGYPQEEYFDRATPSNRTE
GDGNSDPESTFIPGLKKEITVQPTVEEASDNCTQECLYGHSDACWMPAS
LDHSSSSQAQASALCHSPPLSQASTQHHSPPTVTQTIVLCHSPPTQTIAL

CHSPPIQVSALHHSPPLVQGTALHHSPPSAQASALCYSPPLAQAAAISH
SSSLPQVIALHRSQAQSSVSLQQGWVQGANGLCSDQGVQGSATSQFYTM
SERLHPSDDSIKVIPLTTTFAPRQQARPSRGDSPIMETHPL

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

PCDH11Y

Full Name

Protocadherin 11 Y-linked

Introduction

This gene belongs to the protocadherin family, a subfamily of the cadherin superfamily. The encoded protein consists of an extracellular domain containing seven cadherin repeats, a transmembrane domain, and a cytoplasmic tail that differs from those of the classical cadherins. This gene is located on the Y chromosome in a block of X/Y homology and is very closely related to its paralog on the X chromosome. The protein is thought to play a role in cell-cell recognition during development of the central nervous system. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

PCDH11Y; PCDHX; PCDHY; PCDH22; PCDH-PC; protocadherin 22; protocadherin on the Y chromosome; protocadherin prostate cancer; protocadherin-PC; Protocadherin 11 Y-linked

Gene ID

[83259](#)

UniProt ID

[Q9BZA8](#)