

Product Information

MemDX™ Membrane Protein Human PCDH17 (Protocadherin 17) Full Length

Cat. No.: **MPC3136K**

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

This product is a made-to-order Human PCDH17 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

PCDH17

Protein Length

Full length

Protein Class

Cell adhesion

TMD

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Sequence

MYLSICCCFLLWAPALTLKLNLSVP EEGAGTVIGNIGRDARLQPG LPP
AERGGGGRSKSGSYRVL ENSAPHLLD VDADSGLLYTKQRIDRESLCRHNA
KCQLSLEVFANDKEICMIKVEIQDINDNAPSFSSDQIEMDISENAAPGTR
FPLTSAHDPDAGENGLR TYLLTRDDHGLFGLDVKSRGDG TKFPELVIQKA
LDREQQNHH TLVLTALDGGEP PRSATVQINVKVIDSNDNSPVFEAPSYLV
ELPENAPLGT VVIDLNATDADEGPNGEVLYSFSSYVPDRVRELFSIDPKT
GLIRVKGNLDYEENG MLEIDVQARDLGPNPIAHCKVTVKLIDRNDNAPS
IGFVSVRQGALSEAAPP GTVIALVRVTD RD SGKNGQLQCRVLGGGGTG GG
GGLGGPGGSVPFKLEENYDNFYTVVTD RPLDRETQDEYNVTIVARDGGSP
PLNSTKSFAIKILDENDNPPRFTKGLYVLQVHENNIPGEYLGSVLAQDPD
LGQNGTVSYSILP SHIGDVSIYTVSVNPTNGAIYALRSFNFEQTKAFEF
KVLAKDSGAPAHLESNATVRVTVLDVNDNAPVIVLPTLQNDTAE LQVPRN
AGLGYLVSTVRALDSDFGESGRLTYEIVDGNDDHLFEIDPSSGEIRTLHP
FWEDVTPVVELVVKVTDHGKPTLSAVAKLIIRSVSGSLPEGVPRVNGEQH
HWDMSLPLIVTLSTISI ILLAAMITIAVKCKRENKEIRTYNCRIAEYSH P
QLGGGKGK KKKKINKNDIMLVQSEVEERNAMNVMNVVSSPLATSPMYFDY
QTRLPLSSPRSEVMY LKPASNLTVPQGHAGCHTSFTGQGTNASETPATR
MSIIQTDNFPAEPNYM GSRQQFVQSSSTFKDPERASLRDSGHGSDSQADS
DQDTNKGSCCDMSVREALKMKTSTKSQPLEQEPEECVNCTDECRVLGHS
DRCWMPQFPAANQAENADYRTNLFVPTVEANVETETETVNTPGKKT FCT
FGKDKREHTILIANVKPYLKAKRALSPLLQEVPSASSSPTKACIEPCTST
KGS LDGCEAKPGALAEASSQYLPTDSQYLSPSKQPRDPPFMASDQMARVF
ADVHSRASRDSSEMGAVLEQLDHPNRDLGRESVDAEEVVREIDKLLQDCR
GNDPVAVRK

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

PCDH17

Full Name

Protocadherin 17

Introduction

This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein contains six extracellular cadherin domains, a transmembrane domain, and a cytoplasmic tail differing from those of the classical cadherins. The encoded protein may play a role in the establishment and function of specific cell-cell connections in the brain.

Alternative Names

PCDH17; PCH68; PCDH68; protocadherin-17; protocadherin 68; Protocadherin 17

Gene ID

[27253](#)

UniProt ID

[Q14917](#)