

Product Information

MemDX™ Membrane Protein Human PCDH19 (Protocadherin 19) Full Length

Cat. No.: **MPC4285K**

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

This product is a made-to-order Human PCDH19 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

PCDH19

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MESLLLPLVLLLAILWTQAAALINLKYSVEEEQRAGTVIANVAKDAREAG
FALDPRQASAFRVVSNSAPHLVDINPSSGLLVTKQKIDRDLLCRQSPKCI
ISLEVMSSSMEICVIKVEIKDLNDNAPSFPAAQIELEISEAASPGTRIPL
DSAYDPDGSFGVQTYELTPNELFGLIKTRGDGSRFAELVVEKSLDRET
QSHYSFRITALDGGDPPRLGTVGLSIKVTDSNDNNPVFSESTYAVSVPEN
SPPNTPVIRLNASDPDEGTNGQVVYSFYGYVNDRTRELFQIDPHSGLVTV
TGALDYEEGHVYELDVQAKDLGPNSIPAHCKVTVSVLDTNDNPPVINLLS
VNSELVEVSESAPPGYVIALVRVSDRDSGLNGRVQCRLGNVPFRLQEYE
SFSTILVDGRLDREQHDQYNLTIQARDGGVPMLQSAKSFTVLITDENDNH
PHFSKPYQVIVQENNTPGAYLLSVSARDPDLGLNGSVSYQIVPSQVRDM
PVFTYVSINPNSGDIYALRSFNHEQTKAFEFKVLAKDGGPLSLQSNATVR
VIILDVNDNTPVITAPPLINGTAEVYIPRNSGIGYLVTVVKAEDYDEGEN
GRVTYDMTEGDRGFFEIDQVNGEVRTTRTFGESSKSSYELIVVAHDHGKT
SLSASALVLIYLSPALDAQESMGSVNLSLIFIALGSIAGILFVTMIFVA
IKCKRDNKEIRTYNCSNCLTITCLLGCFIKGQNSKCLHCISVSPISEEQD
KKTEEKVSLRGKRIAEYSYGHQKKSSKKKKISKNDIRLVPRDVEETDKMN
VVSCSSLTSSLNYFDYHQQTLP LGCRRSESTFLNVENQNTRNTSANHIYH
HSFNSQGPQPDLIINGVPLPETENYSFDSNYVNSRAHLIKSSSTFKDLE
GNSLKDSGHEESDQTDSEHDVQRSLYCDTAVNDVLNTSVTSMGSQMPDHD
QNEGFHCREECRILGHSDRCWMMPRNPMPIRSKSPEHVRNIIALSIEATAA
DVEAYDDCGPTKRTFATFGKDVSDHPAEERPTLKGKRTVDVTICSPKVNS
VIREAGNGCEAISPVTSPHLKSSLPTKPSVSYTIALAPPARDLEQYVNN
VNNGPTRPSEAEPRGADSEKVMHEVSPILKEGRNKESPGVKRLKDIVL

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

PCDH19

Full Name

Protocadherin 19

Introduction

The protein encoded by this gene is a member of the delta-2 protocadherin subclass of the cadherin superfamily. The encoded protein is thought to be a calcium-dependent cell-adhesion protein that is primarily expressed in the brain. Mutations in this gene on human chromosome X are associated with sporadic infantile epileptic encephalopathy and to a female-restricted form of epilepsy (EFMR; also known as PCDH19RE). Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

PCDH19; DEE9; EFMR; EIEE9; protocadherin-19; Protocadherin 19

Gene ID

[57526](#)

UniProt ID

[Q8TAB3](#)