

Product Information

MemDX™ Membrane Protein Human CDH3 (Cadherin 3) Full Length

Cat. No.: **MPC1952K**

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

This product is a 91.4 kDa Human CDH3 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

CDH3

Protein Length

Full length

Protein Class

Cell adhesion

Molecular Weight

91.4 kDa

TMD

1

Sequence

MGLPRGPLASLLLLQVCWLQCAASEPCRAVFREA EVTLEAGGAEQEPGQA
LGKVFMGCPGQEPALFSTDND DFTVRNGETVQERRSLKERNPLKIFPSKR
ILRRHKRDWV VAPISVPENGKGPFPQRLNQLKSNKDRDTKIFYSITGPGA
DSPPEGVFAVEKETGWLLL NKPLDREEIAKYELFGHAVSENGASVEDPMN
ISIIVTDQNDHKPKFTQDTFRGSVLEGVLPGTSVMQVTATDEDDAIYTYN
GVVAYSIIHSQEPKDPHDL MFTIHRSTGTISVISSGLDREKVPEYTLTIQA
TDMGDGSGSTTTAVAVVEILDANDNAPMFDPPQKYEAHV PENAVGHEVQRLT
VTDLDAPNSPAWRATY LIMGGDDGDHFTITTHPESNQGILTTRKGLDFEA
KNQHTLYVEVTNEAPFVLKLP TSTATIVVHVEDVNEAPVFVPPSKVVEVQ
EGIPTGEPVCVYTAEDPDKENQKISYRILRDPAGWLAMD PD SGQVTAVGT
LDREDEQFVRNNIYEV MVLAMDNGSPPTTGTG TLLLTIDVNDHGPVPEP
RQITICNQSPVRQVLNITDKDLS PHTSPFQAQLTDDSDIYWTAEVNEEGD
TVVLSLKKFLKQD TYDVHLSLSDHGNKEQLTVIRATVCDCHGHVETCPGP
WKGGFILPVLGAVLALLFLLL VLLLLVRKKRKIKEPLLLPEDDTRDNV FY
YGEEGGGEEDQDYDITQLHRGLEARPEV VLRNDVAPTIIPTMYRPRPAN
PDEIGNFIENLKAANTDPTAPPYDTLLVFDYEGSGSDAASLSSLTSSAS
DQDQDYDYLN EWGSRFKKLADMYGGGEDD

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

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

CDH3

Full Name

Cadherin 3

Introduction

This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. This gene is located in a gene cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. In addition, aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in this gene are associated with hypotrichosis with juvenile macular dystrophy and ectodermal dysplasia, ectrodactyly, and macular dystrophy syndrome (EEMS).

Alternative Names

CDH3; CDHP; HJMD; PCAD; cadherin-3; cadherin 3, type 1, P-cadherin (placental); calcium-dependent adhesion protein, placental; Cadherin 3

Gene ID

[1001](#)

UniProt ID

[P22223](#)