

Product Information

MemDX™ Membrane Protein Human CDH17 (Cadherin 17) Full Length

Cat. No.: **MPC0458K**

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

This product is a 92.2 kDa Human CDH17 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

CDH17

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

92.2 kDa

TMD

1

Sequence

MILQAHLHSLCLLMLYLATGYGQEGKFSGPLKPMFTFSIYEGQEPSQIIFQ
FKANPPAVTFELTGETDNIFVIEREGLLYNRLDRETRSTHNLQVAALD
ANGIIVEGPVPITIKVKDINDNRPTFLQSKYEGSVRQNSRPGKPFLYVNA
TDLDDPATPNGQLYYQIVIQLPMINNVMYFQINNKTGAISLTREGSQELN
PAKNPSYNLVISVKDMGGQSENSFSDTTSVDIIVTENIWKAPKPVEMVEN
STDPHPKITQVRWNDPGAQYSLVDKEKLPRFPFSIDQEGDIYVTQPLDR
EEKDAYVIFYAVAKDEYGKPLSYPLEIHVKVKDINDNPPTCPSPVTVFEVQ
ENERLGNSIGTLTAHDRDEENTANSFLNYRIVEQTPKLPMDGLFLIQTYA
GMLQLAKQSLKKQDTPQYNLTIEVSDKDFKTLCFVQINVIDINDQIPIFE
KSDYGNLTLAEDTNIGSTILTQATDADEPFTGSSKILYHIKGDSEGR
GVDTDPHTNTGYVIIKKPLDFETAASVSNIVFKAENPEPLVFGVKYNASSF
AKFTLIVTDVNEAPQFSQHVFQAKVSEDVAIGTKVGNVTAKDPEGLDISY
SLRGDTRGWLKIDHVTGEIFSVAPLDREAGSPYRVQVVATEVGGSSLSSV
SEFHLILMDVNDNPPRLAKDYTGFFCHPLSAPGSLIFEATDDDQHLFRG
PHFTFSLGSGSLQNDWEVSKINGTHARLSTRHTEFEEREYVVLIRINDGG
RPPLEGIVSLPVTFCSCVEGSCFRPAGHQTGIPTVGMVAVGILLTLLVIG
IILAVVFIRIKKDKGKDNVESQAQASEVKPLRS

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 -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

CDH17

Full Name

Cadherin 17

Introduction

This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. The protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal proton-dependent peptide transporter in the first step in oral absorption of many medically important peptide-based drugs. The protein may also play a role in the morphological organization of liver and intestine. Alternative splicing results in multiple transcript variants.

Alternative Names

HPT1; CDH16; HPT-1; cadherin-17; HPT-1 cadherin; LI cadherin; cadherin 17, LI cadherin (liver-intestine); cadherin-16; human intestinal peptide-associated transporter HPT-1; human peptide transporter 1; intestinal peptide-associated transporter HPT-1; liver-intestine cadherin; CDH17; Cadherin 17

Gene ID

[1015](#)

UniProt ID

[Q12864](#)