

Product Information

MemDX™ Membrane Protein Human CLDN17 (Claudin 17) Full Length

Cat. No.: **MPC2848K**

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

This product is a made-to-order Human CLDN17 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

CLDN17

Protein Length

Full length

Protein Class

Transporter; Ion channel

TMD

4

Sequence

MAFYPLQIAGLVLGFLGMVGTLLPQWRVSAFVGSNIIVFERLWEGL
WMNCIRQARVRLQCKFYSSLLALPPALETARALMCVAVALSLIALLIGIC
GMKQVQCTGSNERAKAYLLGTSGVLFILTGIFVLIPVSWTANIIIRDFYN
PAIHIGQKRELGAALFLGWASAAVLFIGGGLLCGFCCCNRKKQGYRYPVP
GYRVPHTDKRRNTTMLSKTSTSYV

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**

CLDN17

Full Name

Claudin 17

Introduction

This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This gene is intronless and is clustered with CLDN8 on chromosome 21q22.11.

Alternative Names

CLDN17; claudin-17; human CLDN17 gene for claudin-17; Claudin 17

Gene ID

[26285](#)

UniProt ID

[P56750](#)