

# Product Information

## MemDX™ Membrane Protein Human MTCH1 (Mitochondrial carrier 1) Full Length

Cat. No.: **MPC3491K**

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

This product is a made-to-order Human MTCH1 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

MTCH1

#### Protein Length

Full length

#### Protein Class

Transporter

#### TMD

2

#### Sequence

MGASDPEVAPWARGGAAGMAGAGAGAGARGGAAAGVEARARDPPPAHRAH  
PRHPRPAAQPSARRMDGGSGGLGSGDNAPTTEALFVALGAGVTALSHPLL  
YVKLLIQVGHEPMPPTLGTVNLGRKVLVLPSTFYAKYIVQVDGKIGLFR  
GLSPRLMSNALSTVTRGSMKKVFPPEIEQVSNKDDMKTSKKVVKETSY  
EMMMQCVSRMLAHLHVISMRCMVQFVGREAKYSGVLSSIGKIFKEEGLL  
GFFVGLIPHLLGDVVFLWGCNLLAHFINAYLVDDSVSDTPGGLGNDQNPG  
SQFSQALAIRSYTKFVMGIAVSMLTYPFLLVGDLMAVNNCGLQAGLPPYS  
PVFKSWIHCWKYLSVQGGQLFRGSSLLFRRVSSGSCFALE

### 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**

MTCH1

**Full Name**

Mitochondrial carrier 1

**Introduction**

This gene encodes a member of the mitochondrial carrier family. The encoded protein is localized to the mitochondrion inner membrane and induces apoptosis independent of the proapoptotic proteins Bax and Bak. Pseudogenes on chromosomes 6 and 11 have been identified for this gene. Alternatively spliced transcript variants encoding multiple isoforms have been observed.

**Alternative Names**

MTCH1; PSAP; PIG60; CGI-64; SLC25A49; mitochondrial carrier homolog 1; cell proliferation-inducing protein 60; presenilin-associated protein; solute carrier family 25, member 49; Mitochondrial carrier 1

**Gene ID**

[23787](#)

**UniProt ID**

[Q9NZJ7](#)