

# Product Information

## MemDX™ Membrane Protein Human TRPC5, His tag

Cat. No.: **MP1499F**

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

This product is recombinant Human TRPC5 membrane protein. 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

TRPC5

#### Protein Length

Full Length

#### Protein Class

Ion channel; Transport

#### TMD

6

### Product Description

#### Tag

His tag

#### Storage

Store at +4°C for up to one week or several months at -80°C

### Target

#### Target Protein

TRPC5

#### Full Name

Transient receptor potential cation channel subfamily C member 5

#### Introduction

This gene belongs to the transient receptor family. It encodes one of the seven mammalian TRPC (transient receptor

potential channel) proteins. The encoded protein is a multi-pass membrane protein and is thought to form a receptor-activated non-selective calcium permeant cation channel. The protein is active alone or as a heteromultimeric assembly with TRPC1, TRPC3, and TRPC4. It also interacts with multiple proteins including calmodulin, CABP1, enkurin, Na(+)-H+ exchange regulatory factor (NHERF ), interferon-induced GTP-binding protein (MX1), ring finger protein 24 (RNF24), and SEC14 domain and spectrin repeat-containing protein 1 (SESTD1).

**Alternative Names**

TRP5; PPP1R159; short transient receptor potential channel 5; TRP-5; hTRP5; protein phosphatase 1, regulatory subunit 159; transient receptor potential channel 5; transient receptor protein 5

**Gene ID**

[7224](#)

**UniProt ID**

[Q9UL62](#)