

Product Information

MemDX™ Membrane Protein Human TMCO1 (Transmembrane and coiled-coil domains 1)

Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1307K**

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

This product is a Human TMCO1 membrane protein expressed *in vitro* *E.coli* expression system. 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

TMCO1

Protein Length

Full Length

Protein Class

Ion channel, Transport

TMD

2

Sequence

MSTMFADELLIVFISVCTALLAEGITWVLVYRTDKYKRLKAEVEKQSKKLEKKKETITESAGRQQKKIERQEEKLKNNNRDLSMVRM

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

TMCO1

Full Name

Transmembrane and coiled-coil domains 1

Introduction

This locus encodes a transmembrane protein. Mutations at this locus have been associated with craniofacial dysmorphism, skeletal anomalies, and cognitive disability. Mutations at this locus have also been associated with open angle glaucoma blindness. Alternatively spliced transcript variants have been described.

Alternative Names

TMCO1; PCIA3; TMCC4; HP10122; PNAS-136; calcium load-activated calcium channel; CLAC channel; Ca(2+) load-activated Ca(2+) channel; putative membrane protein; transmembrane and coiled-coil domain-containing protein 1; transmembrane and coiled-coil domains 4; xenogeneic cross-immune protein PCIA3; Transmembrane and coiled-coil domains 1

Gene ID

[54499](#)

UniProt ID

[Q9UM00](#)