

Product Information

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

Cat. No.: **MP0083J**

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

This product is a 21 kDa Human TMCO1 membrane protein expressed in HEK293T. 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

Transmembrane

Molecular Weight

21 kDa

TMD

1

Sequence

MSTMFADTLLIVFISVCTALLAEGITWVLVYRTDKYKRLKAEVEKQSKKLEKKKETITESAGRQKKKIE
RQEEKLKNNNRDLSMVRMKSMAIGFCFTALMGMFNSIFDGRVVAKLPFTPLSYIQGLSHRNLLGDDTTD
CSFIFLYILCTMSIRQNIQKILGLAPSRAATKQAGGFLGPPPPSGKFS

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

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

PCIA3; TMCC4; HP10122; PNAS-136

Gene ID

[54499](#)

UniProt ID

[B7Z591](#)