

Product Information

MemDX™ Membrane Protein Human TMEM143 (Transmembrane protein 143)

Cat. No.: **MP0013J**

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

This product is a 51.5 kDa Human TMEM143 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

TMEM143

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

51.5 kDa

TMD

2

Sequence

MTVELWLRRLRGKGLAMLVHTRGVWGSRRVVRVWPLLALLGPPRALSSLAAKMGEYRKMWNPREPRDWAQQY
RERFIPFSKEQLRLRLIQEFHSSPAEKAALFAHSAHVDFCTLFHYHQILARLQALYDPINPDRETLDQPS
LTDPQRLSNEQEVLRALEPLLAQANFSPLSEDTLAYALVHHPQDEVQVTNLDQYVYIHFQWALGQRVGQ
MPLKSSVGSRRGFFTKLPPAERRYFKRVVLAARTKRGLVLSFKDTPLEGLEQLPELKVRTPTLQRAL
LNLMLVVSGVAIFVNVGMVVLTDLVKATSLLLLLFAIFMGLRASKMFGQRRSAQALELAHMLYYRSTSN
SELLSALALRAQDEHTKEALLAHSFLARRPGGTQGSPEETSRWLRSEVENWLLAKSGCEVTFNGTRALAH
LQALTPSMGLYPPPGFPLKDPVAPITSEPPQATPSSNIS

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Powder

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**

TMEM143

Full Name

Transmembrane protein 143

Introduction

TMEM143 (Transmembrane protein 143) is a protein that in humans is encoded by TMEM143 gene. TMEM143, a dual-pass protein (two transmembrane domains), is predicted to reside in the mitochondria and high expression has been found in both human skeletal muscle and the heart. Interaction with other proteins indicate that TMEM143 could potentially play a role in tumor suppression/expression and cancer regulation.

Alternative Names

FLJ10922; transmembrane protein 143

Gene ID

[55260](#)

UniProt ID

[B4DMT0](#)