

Product Information

MemDX™ Membrane Protein Human TPTE (Transmembrane phosphatase with tensin homology) Full Length

Cat. No.: **MPC1816K**

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

This product is a 64.3 kDa Human TPTE 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

TPTE

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

64.3 kDa

TMD

3

Sequence

MNESPDPTDLAGVIELGPNDSPQTSEFKGATEEAPAKESPHTSEFKGAA
RVSPISVSLARLSKFEVEDAENVASYDSKIKKIVHSIVSSFAFGLFGVF
LVLLDVTLLADLIFTDSKLYIPLEYRSISLAIALFFLMDVLLRVFVERR
QQYFSDLFNILDTAIVILLVVDVYIFFDIKLLRNIPRWTHLLRLLRLI
ILLRIFHLFHQKRQLEKLIRRRVSENKRRYTRDGFDLDTYVTERIIAMS
FPSSGRQSFYRNPIKEVVRFLDKKHRNHYRVYNLCSERAYDPKHFHNRV
RIMIDHNVP TLHQMVFVFTKEVNEWMAQDLENIVAIHCKGGTDRTGT MVC
AFLIASEICSTAKESLYYFGERRTDKTHSEKFQGVKTPSQKRYVAYFAQV
KHLYNWNLP PRRILFIKHFIISIPRYVRDLKIQIEMEKKVVFSTISLGK
CSVLDNITTDKILIDVFDGLPLYDDVKVQFFYSNLPYYDNC SFYFWLHT
SFIENNRLYLPKNELDNLHKQKARRIYPSDFAVEILFGEKMTSSDVVAGS
D

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

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**

TPTE

Full Name

Transmembrane phosphatase with tensin homology

Introduction

This gene encodes a PTEN-related tyrosine phosphatase which may play a role in the signal transduction pathways of the endocrine or spermatogenic function of the testis. Alternative splicing results in multiple transcript variants.

Alternative Names

TPTE; CT44; PTEN2; putative tyrosine-protein phosphatase TPTE; PTEN-related tyrosine phosphatase; cancer/testis antigen 44; tensin, putative protein-tyrosine phosphatase; tumor antigen BJ-HCC-5; Transmembrane phosphatase with tensin homology

Gene ID

[7179](#)

UniProt ID

[P56180](#)