

Product Information

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

Cat. No.: **MP0095J**

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

This product is a 62.3 kDa Human TPTE 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

TPTE

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

62.3 kDa

TMD

3

Sequence

MNESPDPTDLAGVIIELGPNDSPQTSEFKGATEEAPAKESVLARLSKFEVEDAENVASYD
SKIKKIVHSIVSSFAFGLFGVFLVLLDVTILADLIFTDSKLYIPLEYRSISLAIALFFL
MDVLLRVFVERRQQYFSDLFNILDTAIIVILLVVDVYIFFDIKLLRNIPRWTHLLRLLR
LIILLRIFHLFHQKRQLEKLIRRRVSENKRRYTRDGFDLDTYVTERIIAMSFSSGRQS
FYRNPIKEVVRFLDKKHRNHRYVYNLCSERAYDPKHFHNRVVRIMIDHDNVPTLHQMVF
TKEVNEWMAQDLENIVAIHCKGGTDRTGTMVCAFLIASEICSTAKESLYYFGERRTDKTH
SEKFQGVKTPSQKRYVAYFAQVKHLYNWNLPPIRILFIKHFIIYSIPRYVRDLKIQIEME
KKVVFSTISLGKCSVLDNITTDKILIDVFDGLPLYDDVKVQFFYSNLPTYDNCSEFYFWL
HTSFIENNRLYLPKNELDNLHKQKARRIYPSDFAVEILFGEKMTSSDVVAGSD

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**

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

CT44; PTEN2; PTEN-related tyrosine phosphatase; tumor antigen BJ-HCC-5; tensin, putative protein-tyrosine phosphatase

Gene ID

[7179](#)

UniProt ID

[P56180](#)