

Product Information

MemDX™ Membrane Protein Human TPTE (Transmembrane phosphatase with tensin homology) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX1907K**

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

This product is a Human TPTE 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

TPTE

Protein Length

Full Length

Protein Class

Receptor

TMD

3

Sequence

MNESPDPTDLAGVIIELGPNDSPQTSEFKGATEEAPAKESPHTSEFKGAARVSPISESVLARLSKFEVEDAENVASYDSKIKKIVHSI

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

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](#)