

## 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

MNESPDPTDLAGVIELGPNDSPQTSEFKGATEEAPAKESPHTSEFKGAARVSPISESVLARLSKFEVEDAENVASYDSKIKKIVHSIV

#### 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](#)