

# Product Information

## **MemDX™ Membrane Protein Human TSPAN2 (Tetraspanin 2) Expressed *in vitro* E.coli expression system, Full Length**

Cat. No.: **MPX2223K**

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

This product is a Human TSPAN2 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

TSPAN2

#### Protein Length

Full Length

#### Protein Class

Receptor

#### TMD

4

#### Sequence

MGRFRGGLRCIKYLLLGFNLLFWLAGSAVIAFGLWFRFGGAIKELSSSEDKSPEYFYVGLYVLVGAGALMMAVGFFGCCGAMRESQ

### 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**

TSPAN2

#### **Full Name**

Tetraspanin 2

#### **Introduction**

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. Alternative splicing results in multiple transcript variants encoding different isoforms.

#### **Alternative Names**

TSPAN2; NET3; TSN2; TSPAN-2; new EST tetraspan 3; tetraspan 2; tetraspan NET-3; tetraspan TM4SF; Tetraspanin 2

#### **Gene ID**

[10100](#)

#### **UniProt ID**

[O60636](#)