

# Product Information

## **MemDX™ Membrane Protein Human TSPAN16 (Tetraspanin 16) Expressed *in vitro* E.coli expression system, Full Length**

Cat. No.: **MPX2289K**

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

This product is a Human TSPAN16 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

TSPAN16

#### Protein Length

Full Length

#### Protein Class

Receptor

#### TMD

4

#### Sequence

MAEIHTPYSSLKKLLSLLNGFVAVSGIILVGLGIGGKCGGASLTNVLGLSSAYLLHVGNLCLVMGCITVLLGCAGWYGATKESRGTL

### 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**

TSPAN16

#### **Full Name**

Tetraspanin 16

#### **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. This encoded protein might couple to signal transduction pathways and possibly modulate cellular activation and adhesion in haemopoietic and neural tissue. Several transcript variants encoding different isoforms have been found for this gene.

#### **Alternative Names**

TSPAN16; TM-8; TM4-B; TM4SF16; tetraspanin TM4-B; transmembrane 4 superfamily member 16; tspan-16; Tetraspanin 16

#### **Gene ID**

[26526](#)

#### **UniProt ID**

[Q9UKR8](#)