

# Product Information

## **MemDX™ Membrane Protein Human TACSTD2 (Tumor associated calcium signal transducer**

### **2) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein**

Cat. No.: **MPX3811K**

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

This product is a Human TACSTD2 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**

TACSTD2

#### **Protein Length**

Full Length of Mature Protein

#### **Protein Class**

Receptor

#### **TMD**

1

#### **Sequence**

HTAAQDNCTCPTNKMTVCSPDGPGGRCQCRA LGSGMAVDCSTLTSKCLLLKARMSAPKNARTLVRPSEHALVDNDGLYDPDCDF

### 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**

TACSTD2

#### **Full Name**

Tumor associated calcium signal transducer 2

#### **Introduction**

This intronless gene encodes a carcinoma-associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy.

#### **Alternative Names**

TACSTD2; EGP1; GP50; M1S1; EGP-1; TROP2; GA7331; GA733-1; tumor-associated calcium signal transducer 2; 40kD glycoprotein, identified by monoclonal antibody GA733; cell surface glycoprotein TROP2; cell surface glycoprotein Trop-2; epithelial glycoprotein-1; gastrointestinal tumor-associated antigen GA7331; membrane component, chromosome 1, surface marker 1; pancreatic carcinoma marker protein GA733-1; pancreatic carcinoma marker protein GA7331; trophoblast cell surface antigen 2; truncated TACSTD2; Tumor associated calcium signal transducer 2

#### **Gene ID**

[4070](#)

#### **UniProt ID**

[P09758](#)