

## Product Information

**MemDX™ Membrane Protein Human TACSTD2 (Tumor associated calcium signal transducer 2) Expressed in Mammalian cell expression system with hlgG1 FC tag at the C-terminus for Antibody Discovery, Partial (27-274aa)**

Cat. No.: **MPX4110K**

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

This product is a 56.8 kDa Human TACSTD2 membrane protein expressed in Mammalian cell 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**

Partial (27-274aa)

**Protein Class**

Receptor

**Molecular Weight**

56.8 kDa

**TMD**

1

**Sequence**

HTAAQDNCTCPTNKMTVCSPDGPGRQCRCRALGSGMAVDCSTLTSKCLLLKARMSAPKNARTLVRPSEHALVDNDGLYDPDCDF

### Product Description

**Expression Systems**

Mammalian cell expression system

**Tag**

hlgG1 FC tag at the C-terminus

**Protein Format**

Soluble

**Form**

Liquid or Lyophilized powder

**Purity**

>90% as determined by SDS-PAGE

**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; 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](#)