

# Product Information

## MemDX™ Antibody Discovery - Human THSD1 (25-361) Membrane Protein, Partial, -His tag

Cat. No.: **MP0444F**

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

This membrane protein is Human THSD1 (25-361). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

### Product Specifications

#### Host Species

Human

#### Target Protein

THSD1

#### Protein Length

ECD

#### Molecular Weight

The protein has a calculated MW of 39.7 kDa. The protein migrates as 57-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

#### Sequence

AA Glu 25 - Ile 361 (Accession # AAH63842).

### Product Description

#### Application

SDS-PAGE

#### Expression Systems

HEK293

#### Tag

His tag at the C-terminus

#### Protein Format

Soluble

#### Form

LYOPH

#### Reconstitution

Please see Certificate of Analysis for specific instructions.

**Endotoxin**

<1.0 EU/μg by the LAL method

**Purity**

>95% as determined by SDS-PAGE.

**Buffer**

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

**Storage**

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

**Target****Target Protein**

THSD1

**Full Name**

thrombospondin type 1 domain containing 1

**Introduction**

The protein encoded by this gene contains a type 1 thrombospondin domain, which is found in a number of proteins involved in the complement pathway, as well as in extracellular matrix proteins. Alternatively spliced transcript variants encoding different isoforms have been observed for this gene.

**Alternative Names**

TMTSP; ANIB12; UNQ3010; thrombospondin type-1 domain-containing protein 1; 4833423O18Rik; thrombospondin, type I, domain containing 1; transmembrane molecule with thrombospondin module

**Gene ID**

[55901](#)

**UniProt ID**

[Q9NS62](#)