



# Recombinant Protein Technical Manual

**Recombinant Human THSD1/TMTSP Protein (His Tag)**  
RPES0754

## Product Data:

**Product SKU:** RPES0754

**Size:** 10µg

**Species:** Human

**Expression host:** Human Cells

**Uniprot:** Q9NS62

## Protein Information:

**Molecular Mass:** 38.8 kDa

**AP Molecular Mass:** 84 kDa

**Tag:** C-6His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Thrombospondin Type Domain-Containing Protein 1; Transmembrane Molecule with Thrombospondin Module; THSD1; TMTSP

## Immunogen Information:

**Sequence:** Glu25-Ile361

## Background:

Thrombospondin Type Domain-Containing Protein 1 (THSD1) is a single-pass type I membrane protein. THSD1 contains a signal peptide and one TSP type domain that is found in thrombospondin. THSD1 is a good novel candidate for TSG as it has been mapped to 13q14. Alternatively spliced transcript variants encoding distinct isoforms have been observed. THSD1 may be involved in the complement pathway.