

## 32-7559: Recombinant Human THSD1/TMTSP (C-6His)

**Gene :** THSD1  
**Gene ID :** 55901  
**Uniprot ID :** Q9NS62

### Description

Source: Human Cells.  
MW :38.83kD.

Recombinant Human THSD1 is produced by our Mammalian expression system and the target gene encoding Glu25-Ile361 is expressed with a 6His tag at the C-terminus. Thrombospondin Type-1 Domain-Containing Protein 1 (THSD1) is a single-pass type I membrane protein. THSD1 contains a signal peptide and one TSP type-1 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** EYLLLREPGHVALSNDTVYVDFQYFDGANGTLRNVSVLLLEANTNQVTTKYLLTNQSQGTLKFECEFKEAGD  
YWFTMTPEATDNSTPFPPWWEKSAFLKVEWPVFHVDLNRSAKAAEGTFQVGLFTSQPLCFPVDKPNIVVDVIFT  
NSLPEARRNSRQPLEIRTSKRTELAQQQWVEFGCAPLGPAYVTVVLKLLGRDSVITSTGPIDLAQKFGYKLV MV  
PELTCESGVEVTVLPPPCTFVQGVVTVFKEAPRYPGKRTHLAENSLPLGERRTIFNCTLFDMGKNKYCFDFGISS  
RSHFSAKEECMLIQRNTAFQPSSPSPLQPQGPVKSNNIVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.