

Recombinant Human THSD1 (C-6His)

Catalog No: C646

Description	Recombinant Human Thrombospondin Type-1 Domain-Containing Protein 1 is produced by our Mammalian expression system and the target gene encoding Glu25-Ile361 is expressed with a 6His tag at the C-terminus.
Expression System	Human cells
Alternative name	Thrombospondin Type-1 Domain-Containing Protein 1; Transmembrane Molecule with Thrombospondin Module; THSD1; TMTSP
Accession No.	Q9NS62
Predicted Molecular Weight	38.83kDa
Apparent Molecular Weight	84kDa, reducing conditions.
Quality Control	Purity: greater than 95% as determined by reducing SDS-PAGE. Endotoxin: less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. 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. Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Background	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.

SDS-PAGE

