

Recombinant Human THSD1, His-tagged

Cat. No. THSD1-7671H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human Thrombospondin Type1 DomainContaining Protein 1/THSD1 is produced with our mammalian cells expression system in HEK293. The target protein is expressed with sequence (Glu25Ile361) of Human THSD1 fused with a polyhistidine tag at the Cterminus.

Species Human

Source HEK293

Description Thrombospondin Type1 DomainContaining Protein 1 (THSD1) is a singlepass type I membrane protein. THSD1 contains a signal peptide and one TSP type1 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.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4

AA Sequence
 EYLLREPGH VALSNDTVYV DFQYFDGANG TLRNVSVLLL EANTNQTVTT
 KYLLTNQSQG TLKFEFCFYF KEAGDYWFTM TPEATDNSTP FPWWEKSAFL
 KVEWPVFHVD LNRSAAKAAEG T FQVGLFTS QPLCFPVVDK PNIVVDVIFT
 NSLPEARNS RQPLEIRTSK RTELAQQQWV EF GCAPLGP EAYVTVVLKL
 LGRDSVITST GPIDLAQKFG YKLVMPPELT CESGVEVTVL PPP CTFVQG
 VVTVFKEAPR

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 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 less than 20°C. for 3 months.
GENE INFORMATION	
Gene Name	THSD1 thrombospondin, type I, domain containing 1 [Homo sapiens]
Official Symbol	THSD1
Synonyms	THSD1; thrombospondin, type I, domain containing 1; thrombospondin, type I, domain 1; thrombospondin type-1 domain-containing protein 1; TMTSP; 4833423O18Rik; transmembrane molecule with thrombospondin module; UNQ3010; MGC74971;
Gene ID	55901
mRNA Refseq	NM_018676
Protein Refseq	NP_061146
UniProt ID	Q9NS62
Chromosome Location	13q14.13

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