

Recombinant Human THSD1 Protein

Catalog #	Source	Reactivity	Applications
CRP2384	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human THSD1 Protein is produced by our Mammalian expression system and the target gene encoding Glu25-Ile361 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	THSD1		
Alternative Names	TMTSP; Thrombospondin type-1 domain-containing protein 1; Transmembrane molecule with thrombospondin module		
Entrez Gene	55901 (Human)		
SwissProt	Q9NS62 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	EYLLLRPEGH VALSNDTVYV DFQYFDGANG TLRNVSLLLL EANTNQTVTT KYLLTNQSQG TLKFEFCYFK EAGDYWFTMT PEATDNSTPF PWWEKSAFLK VEWPFVHVDL NRSAKAAEGT FQVGLFTSQP LCPFPVDKPN IVVDVIFTNS LPEARNSRQ PLEIRTSKRT ELAQGQWVEF GCAPLGPEAY VTVVLKLLGR DSVITSTGPI DLAQKFGYKL VMVPELTCS GVEVTVLPPP CTFVQGVVTV FKEAPRYPGK RTIHLAENSL PLGERRTIFN CTLFDMGKNK YCFDFGISSR SHFSAKEECM LIQRNTAFQP SSPSPLQPQG PVKSNNIVDH HHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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