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Datasheet for ABIN1097640

THSD1 Protein (AA 25-361) (His tag)

Overview

Quantity:	50 µg
Target:	THSD1
Protein Characteristics:	AA 25-361
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This THSD1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human THSD1/TMTSP (C-6His)
Sequence:	EYLLLRPGH VALSNDTVYV DFQYFDGANG TLRNVSVLLL EANTNQTVTT KYLLTNQSQG TLKFECFYFK EAGDYWFTMT PEATDNSTPF PWWEKSAFLK VEWPFVHVDL NRSAKAAEGT FQVGLFTSQP LCPFPVDKPN IVDVIFTNS LPEARNSRQ PLEIRTSKRT ELAQGWVEF GCAPLGPEAY VTVVLKLLGR DSVITSTGPI DLAQKFGYKL VMVPELTCES GVEVTVLPPP CTFVQGVVTV FKEAPRYPGK RTIHLAENSL PLGERRTIFN CTLFDMGKNK YCFDFGISSR SHFSAKEECM LIQRNTAFQP SSPSPLQPQG PVKSNNIVDH HHHHH
Characteristics:	Recombinant Human Thrombospondin Type-1 Domain-Containing Protein 1/THSD1 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Glu25-Ile361) of Human THSD1 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	THSD1
Alternative Name:	thsd1 (THSD1 Products)
Sub Type:	Fusionprotein
Background:	<p>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.</p> <p>Alternative Names: Thrombospondin Type-1 Domain-Containing Protein 1, Transmembrane Molecule with Thrombospondin Module, THSD1, TMTSP</p>
Molecular Weight:	38.83 kDa
UniProt:	Q9NS62

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>

Handling

Expiry Date: 3 months