

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 : EYLLLREPGHVALSNDTVYVDFQYFDGANGTLRNVSVLLLEANTNQVTTKYLLTNQSQGLKFCFYFKEAGD
YWFTMTPEATDNSTPFPPWWEKSAFLKVEWPVFHVDLNRSAKAAEGTFQVGLFTSQPLCFPVDKPNIVVDVIFT
NSLPEARRNSRQPLEIRTSKRTELAQQQWVEFGCAPLGPAYVTVVLKLLGRDSVITSTGPIDLAQKFGYKLV MV
PELTCESGVEVTVLPPPCTFVQGVTVFKEAPRYPGKRTHLAENSLPLGERRTIFNCTLFDMGKNKYCFDFGISS
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 ddH₂O. 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.