

Recombinant Mouse Thbs1 Protein, Myc/DDK-tagged

Cat. No. Thbs1-6407M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thrombospondin 1 (Thbs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1. This protein has been shown to play roles in platelet aggregation, angiogenesis, and tumorigenesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]
Molecular Mass	130.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Thbs1 thrombospondin 1 [Mus musculus (house mouse)]
Official Symbol	Thbs1
Synonyms	THBS1; thrombospondin 1; thrombospondin-1; TSP1; TSP-1; tbsp1; Thbs-1
Gene ID	21825
mRNA Refseq	NM_011580
Protein Refseq	NP_035710
UniProt ID	Q3TR40

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