

## Product datasheet for TP511744

### Thbs1 (NM\_011580) Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse thrombospondin 1 (Thbs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR211744 representing NM_011580 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MELLRGLGVLFLHMCGSNRIPESSGGDNGVDFIFELIGGARRGPGRRLLVKGQDLSSPAFRIENANLIPAV  PDDKFQDLLDAVWADKGFIFLASLRQMKKTRGTL LAVERKDNTGQIFSVSNGKAGTLDLSLSPGKQQV  VSVEEALLATGQWKSITLFVQEDRAQLYIDCDKMESAELDVPIQSIFTRDLASVARLRVAKGDVNDNFQG  VLQNVRFVFGTTPEDILRNKGCSSSATNVLTLDNNVNGSSPAIRTN YIGHKTKDLQAICGLSCDELSS  MVLELKGLRTIVTTLQDSIRKVTEENRELVSELKRPP LCFHNGVQYKNNEEWTVDSCTECHCQNSVTICK  KVSCPIMP CSNATVPDGECCPRCWPSDSADDGWSPWSEWTS CSATCGNGIQQRGRSCDSLNNRCEGSSVQ  TRTCHIQCEDKRFKQDGGWSHWSPWSSCSVT CGDGVITRILCNSPSPQMNGKPCGEARETKACKKDAC  PINGGWGPWSPWDICSVTCGGGVQRRSRLC NNPTPQFGGKDCVGDVTENQVCNKQDCPIDGCLSNPCFAG  AKCTSYPDG SWKCGACPPGYSGNGIQCKDVDECKEVP DACFNHNGEHRCKNTDPGYNCLPCPPRFTGSQP  FGRGVEHAMANKQVCKPRNPCTDGT HDCNKNACNYLGHYS DPMYRCECKPGYAGNGIICGEDTDLDGWP  NENLVCVANATYHCKKDNCPNLPNSGQEDYDKDGIGDACC DDDDDNDKIPDDRDNCPFHYNPAQYDYDRDD  VGDRCDNCPYNHNPDQADTDKNGEGDACA VDIDGDGILNERDNCQYVYNVDQRDTMDGVGDQDCNCPLE  HNPDQLDSDSLIGDTCNNDIDEDGHQNNLDNCPYV PNaNQADHDKDGKGDACDHDDNDGIPDDRDN  CRLVNPDPQKDSGDGGRGDACKDDFDH DNVPDIDDICPENFDISETDFRQFQMIPLDPKGTSQNDPNVWV  RHQGKELVQTVNCDPGLAVGYDEFNAVDFSGTFF INTERDDDYAGFVFGYQSSSRFYVMWKQVTQSYWD  TNPTRAQGYSLSVKVNSTTGPGEHLRNALWHTG NTPGQVRTLWHDPRHIGWKDFTAYRWRLSHRPKTG  YIRVVMYEGKKIMADSGPIYDKTYAGGRLGLFVFSQEMVFFSDMKYECRDS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	130.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining



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<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_035710</a>
<b>Locus ID:</b>	21825
<b>UniProt ID:</b>	<a href="#">Q80YQ1</a> , <a href="#">Q3TR40</a>
<b>RefSeq Size:</b>	5802
<b>Cytogenetics:</b>	2 59.34 cM
<b>RefSeq ORF:</b>	3513
<b>Synonyms:</b>	tbs; tbsp1; Thbs-; Thbs-1; TS; TSP; TSP-1; TSP1
<b>Summary:</b>	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]