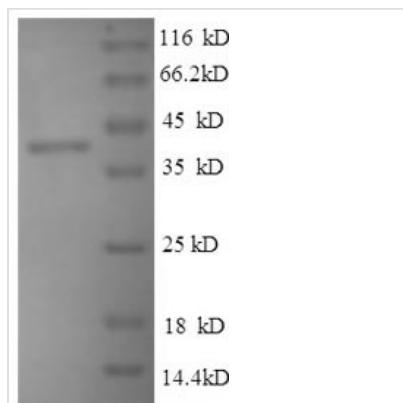




# Recombinant Mouse Thrombospondin-1 (Thbs1), Partial

<b>Product Code</b>	CSB-EP023487MO
<b>Relevance</b>	Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Binds heparin. May play a role in dentinogenesis and/or maintenance of dentin and dental pulp. Ligand for CD36 mediating antiangiogenic properties . Plays a role in ER stress response, via its interaction with the activating transcription factor 6 alpha (ATF6) which produces adaptive ER stress response factors. <sup>1</sup> Publication
<b>Abbreviation</b>	Recombinant Mouse Thbs1 protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q80YQ1
<b>Product Type</b>	Recombinant Protein
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	NRIPESGGDNGVDFIFELIGGARRGPGRRLLVKGQDLSSPAFRIENANLIPAVPD DKFQDLLDAVWADKGFIFLASLRQMKKTRGTL LAVERKDNTGQIFSVV SNGKA GTLDSL SLP GKQVVSVEEALLATGQWKSITLFVQEDRAQLYIDCDKMESAE LDVPIQSIFTRDLASVARLRVAKGDVNDNFQGV LQNVRFVFGTTPEDILRNKGC SSSATNVLLTLDNNVNGSSPAIRTNYIGHKTKDLQAICGLSCDELSSMVLELK GLRTIVTTLQDSIRKRVTEENRELVSELKRPP LCFHNGVQYKNNEEWTVD SCTE CHCQNSVTICK
<b>Source</b>	E.coli
<b>Target Names</b>	Thbs1
<b>Expression Region</b>	19-350aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	40.6kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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