

Thrombospondin-1 Recombinant Protein | TSP1 recombinant protein

Recombinant mouse Thrombospondin-1

CATALOG # AAA309747	HOST E Coli	REACTIVITY Mouse
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PRODUCT SYNONYMS

Thrombospondin-1; Recombinant mouse Thrombospondin-1; TSP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mouse
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer50% glycerol
Sequence Positions	Full Length, 19-350aa
Sequence	NRIPESGGDN GVFDIFELIG GARRGPGRRL VKGQDLSSPA FRIENANLIP AVPDDKFQDL LDAVWADKGF IFLASLRQMK KTRGTLLAVE RKDNTGQIFS VVSNKGAGTL DLSLSLPGKQ QVVSVEEALL ATGQWKSITL FVQEDRAQLY IDCDKMESAE LDVPIQSIFT RDLASVARLR VAKGDVNDNF QGVLQNVRFV FGTTPEDILR NKGCCSSSATN VLLTLDNNVV NGSSPAIRTN YIGHKTKDLQ AICGLSCDEL SSMVLELKGL RTIVTTLQDS IRKVTEENRE LVSELKRPL CFHNGVQYKN NEEWTVDSCT ECHCQNSVTI CK
Immunogen Description	Expression Region:19-350aaSequence Info:Partial
Calculated MW	40.6 kDa
Tag Info	N-terminal 6xHis-tagged
Preparation and Storage	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. Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for TSP1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	549134
NCBI GeneID	21825
UniProt Accession #	Q80YQ1; P35441
NCBI Official Full Name	Thrombospondin-1

NCBI Official Synonym Full Names	thrombospondin 1
NCBI Official Symbol	Thbs1
NCBI Official Synonym Symbols	TSP1; TSP-1; tbsp1; Thbs-1
NCBI Protein Information	thrombospondin-1
UniProt Protein Name	Thrombospondin-1
UniProt Gene Name	Thbs1
UniProt Synonym Gene Names	Tsp1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/thbs1-recombinant-protein-e-coli/309747>