

Thrombospondin-1 Recombinant Protein | Thbs1 recombinant protein

Recombinant Mouse Thrombospondin-1

CATALOG # AAA116141	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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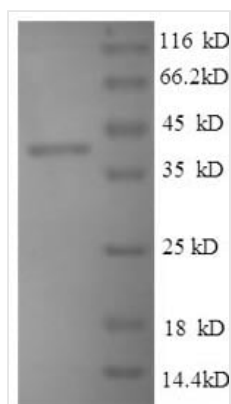
PRODUCT SYNONYMS

Thrombospondin-1; Recombinant Mouse Thrombospondin-1; Thbs1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	19-350. Partial
Sequence	NRIPESGGDN GVFDIFELIG GARRGPGRRL VKGQDLSSPA FRIENANLIP AVPDDKFQDL LDAVWADKGF IFLASLRQMK KTRGTLLAVE RKDNTGQIFS VVSNGKAGTL DLSLSLPGKQ QVVSVEEALL ATGQWKSITL FVQEDRAQLY IDCDKMESAE LDVPIQSIFT RDLASVARLR VAKGDVNDNF QGVLQNVRFV FGTTPEDILR NKGCCSSATN VLLTLDNNVV NGSSPAIRTN YIGHKTKDLQ AICGLSCDEL SSMVLELKGL RTIVTTLQDS IRKVTEENRE LVSELKRPL CFHNGVQYKN NEEWTVDSCT ECHCQNSVTI CK
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Thbs1 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. 1 Publication
References	Characterization of the murine thrombospondin gene.Lawler J., Duquette M., Ferro P., Copeland N.G., Gilbert D.J., Jenkins N.A.Genomics 11:587-600(1991) Characterization of mouse thrombospondin 2 sequence and expression during cell growth and development.Laherty C.D., O'Rourke K., Wolf F.W., Katz R., Seldin M.F., Dixit V.M.J. Biol. Chem. 267:3274-3281(1992) Characterization of the mouse thrombospondin gene and evaluation of the role of the first intron in human gene expression.Bornstein P., Alfi D., Devarayalu S., Framson P., Li P.J. Biol. Chem. 265:16691-16698(1990) Expression and initial characterization of recombinant mouse thrombospondin 1 and thrombospondin 3.Chen H., Aeschlimann D., Nowlen J., Mosher D.F.FEBS Lett. 387:36-41(1996) The mouse C2C12 myoblast cell surface N-linked glycoproteome identification, glycosite occupancy, and membrane orientation.Gundry R.L., Raginski K., Tarasova Y., Tchernyshyov I., Bausch-Fluck D., Elliott S.T., Boheler K.R., Van Eyk J.E., Wollscheid B.Mol. Cell. Proteomics 8:2555-2569(2009) A thrombospondin-dependent pathway for a protective ER stress response.Lynch J.M., Maillet M., Vanhoutte D., Schloemer A., Sargent M.A., Blair N.S., Lynch K.A., Okada T., Aronow B.J., Osinska H., Prywes R., Lorenz J.N., Mori K., Lawler J., Robbins J., Molkentin J.D.Cell 149:1257-1268(2012)

NCBI AND UNIPROT INFORMATION

NCBI GI #	549134
NCBI GeneID	21825
UniProt Accession #	P35441
Molecular Weight	38.6 kDa
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
UniProt Entry Name	TSP1_MOUSE

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.

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Online datasheet: <https://www.aaabiotech.com/thbs1-recombinant-protein-e-coli/116141>