

Datasheet for ABIN5713890

Thrombospondin 1 Protein (THBS1) (AA 19-350, partial) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Thrombospondin 1 (THBS1)
Protein Characteristics:	AA 19-350, partial
Origin:	Mouse
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Thrombospondin 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	NRIPESGGDN GVFDIFELIG GARRGPGRRL VKGQDLSSPA FRIENANLIP AVPDDKFQDL LDAVWADKGF IFLASLRQMK KTRGTLLAVE RKDNTGQIFS VVSNGKAGTL DLSLSLPGKQ QVVSVEEALL ATGQWKSITL FVQEDRAQLY IDCCKMESAE LDVPIQSIFT RDLASVARLR VAKGDVNDNF QGVLQNVRFV FGTTPEDILR NKGCCSSSATN VLLTLDNNVV NGSSPAIRTN YIGHKTKDLQ AICGLSCDEL SSMVLELKGL RTIVTTLQDS IRKVTEENRE LVSELKRPPPL CFHNGVQYKN NEEWTVDSCT ECHCQNSVTI CK
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Thrombospondin 1 (THBS1)
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Target Details

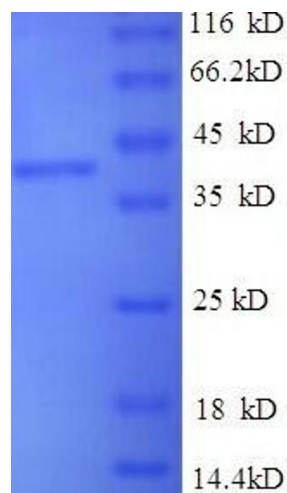
Alternative Name:	TSP1 (THBS1 Products)
Background:	Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Binds heparin. May play a role in dentinogenesis and/or maintenance of dentin and dental pulp. Ligand for CD36 mediating antiangiogenic properties . Plays a role in ER stress response, via its interaction with the activating transcription factor 6 alpha (ATF6) which produces adaptive ER stress response factors. ¹ Publication
Molecular Weight:	38.6 kDa
UniProt:	P35441
Pathways:	Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.