

Datasheet for ABIN5712522

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

Overview

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

Product Details

Sequence:	NRIPESGGDN SVFDIFELTG AARKGSGRRL VKGPDPPSPA FRIEDANLIP PVPDDKFQDL VDAVRAEKGFL LLLASLRQMK KTRGTLLALE RKDHSGQVFS VVSNGKAGTL DLSLTVQGKQ HVVSVEEALL ATGQWKSITL FVQEDRAQLY IDCEKMENAE LDVPIQSVFT RDLASLARLR IAKGGVNDNF QGVLQNVRFV FGTTPEDILR NKGCSSTSV LLTLDNNVWN GSSPAIRTNY IGHKTKDLQA ICGISCELS SMVLELRGLR TIVTTLQDSI RKVTEENKEL ANELRRPPLC YHNGVQYRNN EEWTVDSCTE CHCQNS
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Thrombospondin 1 (THBS1)
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Target Details

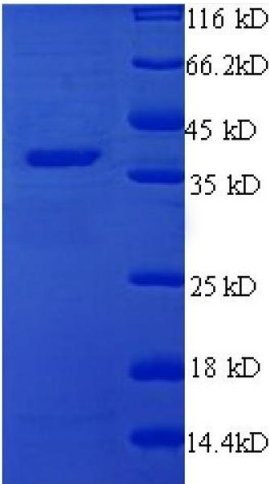
Alternative Name:	TSP1 (THBS1 Products)
Background:	Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Binds heparin. May play a role in dentinogenesis and/or maintenance of dentin and dental pulp . Ligand for CD36 mediating antiangiogenic properties. Plays a role in ER stress response, via its interaction with the activating transcription factor 6 alpha (ATF6) which produces adaptive ER stress response factors .
Molecular Weight:	40 kDa
UniProt:	P07996
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.