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Datasheet for ABIN7534950
Thrombospondin 1 Protein (THBS1) (His tag)

Overview

Quantity:	100 µg
Target:	Thrombospondin 1 (THBS1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Thrombospondin 1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Thrombospondin-1/THBS1 Protein
Sequence:	NRIPESGGDN SVFDIFELTG AARKGSGRRL VKGPDPSSPA FRIEDANLIP PVPDDKFQDL VDAVRAEKGF LLLASLRQMK KTRGTLLALE RKDHSGQVFS VVSNKGAGTL DLSLTVQGKQ HVVSVEEALL ATGQWKSITL FVQEDRAQLY IDCEKMENAE LDVPIQSVFT RDLASLARLR IAKGGVNDNF QGVLQNVRFV FGTTPEILR NKGCSSTSV LLTLDNNVWN GSSPAIRTNY IGHKTKDLQA ICGISCELS SMVLELRGLR TIVTTLQDSI RKVTEENKEL ANELRRPPLC YHNGVQYRNN EEWTVDSCTE CHCQNSVTIC KKVSCPIMPC SNATVPDGEC CPRCWPSDSA DDGWSPWSEW TSCSTSCGNG IQQRGRSCDS LNNRCEGSSV QTRTCHIQEC DKRFKQDGGW SHWSPWSSCS VTCGDGVITR IRLCNSPSPQ MNGKPCEGEA RETKACKKDA CPINGGWGPW SPWDICSVTC GGGVQKRSRL CNNPTQFGG KDCVGDVTEN QICNKQDCPI DGCLSNPCFA GVKCTSYPDG SWKCGACPPG YSGNGIQCTD VDECKEVPDA CFNHNGEHRC ENTDPGYNCL PCPPRFTGSQ PFGQGEHAT ANKQVCKPRN PCTDGTDCN KNAKCNYLGH YSDPMYRCEC KPGYAGNGII CGEDTDLGW PNENLVCVAN ATYHCKKDNC PNLPSNGQED YKDGIGDAC DDDDNDKIP DDRDNCPFHY NPAQYDYDRD DVGDRCDNCP YNHNPQADT DNNGEGDACA ADIDGDGILN ERDNCQYVYN VDQRDTDMDG VGDQCDNCPL EHNPQQLDSD SDRIGDTCDN

Product Details

NQDIDEDGHQ NNLDNCPYVP NANQADHDKD GKGDACDHDD DNDGIPDDKD NCRLVPNPDQ
KDSGDGGRGD ACKDDFDHDS VPDIDDICPE NVDISETDFR RFQMIPLDPK GTSQNDPNWV
VRHQGKELVQ TVNCDPGLAV GYDEFNAVDF SGTFFINTER DDDYAGFVFG YQSSSRFYVW
MWKQVTQSYW DTNPTRAQGY SGLSVKVVNS TTGPGEHLRN ALWHTGNTPG QVRTLWHDPR
HIGWKDFTAY RWRLSHRPKT GFIRVVMYEG KKIMADSGPI YDKTYAGGRL GLFVFSQEMV
FFSDLKYECR DP

Specificity:	Asn19-Pro1170
Purity:	> 92 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

Target Details

Target:	Thrombospondin 1 (THBS1)
Alternative Name:	Thrombospondin-1/THBS1 (THBS1 Products)
Background:	THBS1,THBS,THBS-1,TSP,TSP-1,TSP1
Gene ID:	7057
UniProt:	P07996
Pathways:	Autophagy

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C

Handling

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.