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Datasheet for ABIN6573897

Thrombospondin 1 Protein (THBS1) (His tag)

Overview

Quantity:	50 µg
Target:	Thrombospondin 1 (THBS1)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Thrombospondin 1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Thrombospondin-1/THBS1 (C-10His)
Sequence:	NRIPESGGDN SVFDIFELTG AARKGSGRRL VKGPDPSSPA FRIEDANLIP PVPDDKFQDL VDAVRAEKGF LLLASLRQMK KTRGTLLALE RKDHSGQVFS VVSNKGAGTL DLSLTVQGKQ HVVSVEEALL ATGQWKSITL FVQEDRAQLY IDCEKMENAE LDVPIQSVFT RDLASLARLR IAKGGVNDNF QGVLQNVRFV FGTTPEDILR 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 CNNPTPQFGG KDCVGDVTEN QICNKQDCPI DGCLSNPCFA GVKCTSYPDG SWKCGACPPG YSGNGIQCTD VDECKEVPDA CFNHNGEHRC ENTDPGYNCL PCPPRFTGSQ PFGQGVEHAT ANKQVCKPRN PCTDGTDCN KNAKCNLYGH YSDPMYRCEC KPGYAGNGII CGEDTDLGW PNENLVCVAN ATYHCKKDNC PNLPSNGQED YKDGIGDAC DDDDNDKIP DDRDNCPFHY NPAQYDYDRD DVGDRCDNCP YNHNPQADT DNNGEGDACA ADIDGDGILN ERDNCQYVYN VDQRDTMDMG VGDQCDNCPL EHNPQLDSD SDRIGDTCDN

Product Details

NQDIDEDGHQ NNLDNCPYVP NANQADHDKD GKGDACDHDD DNDGIPDDKD NCRLVNPNDQ
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 DPGGGGSHHH HHHHHHHH

Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	Thrombospondin 1 (THBS1)
Alternative Name:	Thrombospondin-1/THBS1 (THBS1 Products)
Molecular Weight:	129.2 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:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Handling

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20°C for 3 months.