

Datasheet for ABIN7596454

THBS4 Protein (AA 27-963) (His tag)



[Go to Product page](#)

Overview

Quantity:	250 µg
Target:	THBS4
Protein Characteristics:	AA 27-963
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This THBS4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	QATPQVFDLL PSSSQRLNPS ALQPVLTDPT LHEVYLISTF KLQSKSSATI FGLYSSSDNS KYFEFTVMGR LNKAILRYLK NDGKIHLVVF NNLQLADGRR HRVLLRLSNL QRGDGSVELY LDCAQADSVR NLPRAFSGLT QNPESIELRT FQRKPQDFLE ELKLVVRGSL FQVASLQDCF LQQSEPLAAT STGDFNRQFL GQMTQLNQLL GEVKDLLRQQ VKETSFLRNT IAECQACGPL SFQSPTPNTL VPIAPPAPPT RPTRHCDSSP CFRGVRCTDT RDGFQCGPCP DGYTGNGITC SDVDECKYHP CYPGVRVCNL APGFRCDACP VGFTGPMVQG VGINFATKNK QVCTDVDECO NGACVLNSIC INTLGSYRCG PCKPGYTGQ TRGCKTERSC RNPEQNPCSV HAQCIEERQG DVTCVCGVGW AGDGYVCGKD VDIDSYPDEE LPCSARNCKK DNCKYVPNSG QEDADRDGIG DACDEDADGD GILNEQDNCV LTHNIDQRNS DKDIFGDACD NCRMVLNNDQ KDTGDGDRGD ACDDMDGDG IKNILDNCPR VPNRDQQDRD GDDVGDACDS CPDVSNPNQS DVDNDLVGDS CDTNQSDGD GHQDSTDNCP TVINSSQLDT DKDGIGDECD DDDNDNGIPD LVPPGPDNCR LVPNPAQEDS NNDGVGDICE ADFDQDQVID HIDVCPENAE ITLTDFRAYQ TVVLDPEGDA
-----------	--

Product Details

QIDPNWVVLN QGMEIVQTMN SDPGLAVGYT AFNGVDFEGT FHVNTQTDDD YAGFIFGYQD
SSSFYVVMWK QTEQTYWQAT PFRAVAEPGI QLKAVKSKTG PGEHLRNSLW HTGDTSDQVR
LLWKDSRNVG WKDKVSYRWF LQHRPQVGYI RVRFYEGSEL VADSGVTIDT TMRGGRLGVF
CFSQENIIWS NLKYRCNDTI PEDFQEFQTQ SFDRLDN

Purity:	> 85% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	THBS4
Alternative Name:	Thrombospondin 4/THBS4 (THBS4 Products)
Background:	Thrombospondin-4, also known as THBS4, is a member of the thrombospondin protein family. This family members are adhesive glycoproteins that mediate cell-to-cell and cell-to-matrix interactions. This protein forms a pentamer and can bind to heparin and calcium. Among them Thrombospondin-4 binds a variety of matrix proteins including Collagens I, II, III, V, Laminin-1, Fibronectin, and Matrilin-2. And it plays a role in cardiovascular physiology and neuronal development. It is up-regulated in the spinal cord following peripheral nerve injury where it contributes to presynaptic hypersensitivity and hyperalgesia. It is also up-regulated in muscle following denervation. It contributes to the development of inflammation and atherosclerosis by promoting macrophage and neutrophil adhesion to the vasculature. Recombinant mouse Thrombospondin-4, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Molecular Weight:	104.3 kDa (943aa)
NCBI Accession:	NP_035712

Application Details

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

Handling

Format:	Liquid
Concentration:	0.25 mg/mL

Handling

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.