

Recombinant Full Length Human THBS4 Protein, GST-tagged

Cat. No. THBS4-523HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human THBS4 full-length ORF (NP_003239.2, 1 a.a. - 961 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	961 amino acids
Description	The protein encoded by this gene belongs to the thrombospondin protein family. Thrombospondin 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. Studies of the rat counterpart suggest that this protein may be involved in local signaling in the developing and adult nervous system.
Molecular Mass	132.3 kDa
AA Sequence	MLAPRGA AVL LLHLVLQRWL AAGA QATPQV FDLLPSSSQRLNPGALLPVL TDPALNDLYV ISTFKLQTKS SATIFGLYSS TDNSKYFEFT VMGRLNKAIL RYLKNDGKVH LVVFNNLQLA DGRRHRILLR LSNLQRGAGS LELYLDCIQV DSVHNLPRAF AGPSQKPETI ELRTFQRKPQ DFLEELKLWV RGS LFQVASL QDCFLQQSEP LAATGTGDFN RQFLGQMTQL NQLLGEVKDL LRQQVKETSF LRNTIAECQA CGPLKFQSPT PSTVPPAPP APPTRPPRR CDSNPCFRGVQ CTDSRDGFQC GPCPEGYTGN GITCIDVDEC KYHPCYPGVH CINLSPGFRC DACPVGFTGP MVQGVGISFA KSNKQVCTDI DECRNGACVP NSICVNTLGS

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YRCGPCKPGY TGDQIRGCKA ERNCRNPELN PCSVNAQCIE ERQGDVTCVC
 GVGWAGDGYI CGKDVIDDSY PDEELPCSAR NCKKDNCKYV PNSGQEDADR
 DGIGDACDED ADGDGILNEQ DNCVLIHNVD QRNSDKDIFG DACDNCLSVL
 NNDQKDTDGD GRGDACDDDM DGDGIKNILD NCPKFPNRDQ RDKDGDGVGD
 ACDSCPVDVN PNQSDVDNDL VGDSCDTNQD SDGDGHQDST DNCPTVNSA
 QLDTDKDGIG DECDDDDND GIPDLVPPGP DNCRLVPNPA QEDSNSDGVG
 DICESDFDQD QVIDRIDVCP ENAEVTLTDF RAYQTVVLDP EGDAQIDPNW
 VVLNQGMEIV QTMNSDPGLA VGYTAFNGVD FEGTFHVNTQ TDDYAGFIF
 GYQDSSSFYV VMWKQTEQTY WQATPFRAVA EPGIQLKAVK SKTGPGEHLR
 NSLWHTGDT S DQVRLLWKDS RNVGWKDKVS YRWFLQHRPQ VGYIRVRFYE
 GSELVADSGV TIDTTMRGGR LGVFCFSQEN IIWSNLKYRC NDTIPEDFQE
 FQTQNFDRFD N

Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	THBS4 thrombospondin 4 [Homo sapiens (human)]
Official Symbol	THBS4
Synonyms	THBS4; TSP4; thrombospondin 4; thrombospondin-4
Gene ID	7060
mRNA Refseq	NM_003248

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Protein Refseq	NP_003239
MIM	600715
UniProt ID	P35443

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