9051 Mira Mesa Blvd, #910094
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THBS4 Mouse

Thrombospondin-4 Mouse Recombinant
RCP2371

Product Overview

Name	THBS4 Mouse
Description	
Thrombospondin-4 Mouse Recombinant	
Accession (Primary)	Q9Z1T2
Synonyms	
THBS4, Thbs4, Thbs-4, Thrombospondin-4, Thrombospondin4, thrombospondin 4, Tsp4, TSP-4, TSP, TSP4, TS.	
Introduction	
Thrombospondin-4 (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. THBS4forms a pentamer and binds to heparin and calcium. Among them THBS4binds a variety of matrix proteins including Collagens I, II, III, V, Laminin-1, Matrilin-2 and Fibronectin. THBS4 is up-regulated in the spinal cord following peripheral nerve injury where it contributes to presynaptic hypersensitivity and hyperalgesia and is also up-regulated in muscle following denervation.	
Source	
HEK293 Cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The THBS4 solution (0.25mg/1ml) contains phosphate buffered saline (pH7.4), 0.1mM PMSF and 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid 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	

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RDGFQCGPCP DGYTGNGITC SDVDECKYHP CYPGVRCVNL APGFRCDACP VGFTGPMVQG VGINFAKTNK QVCTDVDECQ NGACVLNSIC INTLGSYRCG PCKPGYTGDQ TRGCKTERSC RNPEQNPCSV HAQCIEERQG DVTCVCGVGW AGDGYVCGKD VDIDSYPDEE LPCSARNCKK DNCKYVPNSG QEDADRDGIG DACDEDADGD GILNEQDNCV LTHNIDQRNS DKDIFGDACD NCRMVLNNDQ KDTDGDGRGD ACDDDMDGDG IKNILDNCPR VPNRDQQDRD GDDVGDACDS CPDVSNPNQS DVDNDLVGDS CDTNQDSDGD GHQDSTDNCP TVINSSQLDT DKDGIGDECD DDDDNDGIPD LVPPGPDNCR LVPNPAQEDS NNDGVGDICE ADFDQDQVID HIDVCPENAE ITLTDFRAYQ TVVLDPEGDA QIDPNWVVLN QGMEIVQTMN SDPGLAVGYT AFNGVDFEGT FHVNTQTDDD YAGFIFGYQD SSSFYVVMWK QTEQTYWQAT PFRAVAEPGI QLKAVKSKTG PGEHLRNSLW HTGDTSDQVR LLWKDSRNVG WKDKVSYRWF LQHRPQVGYI RVRFYEGSEL VADSGVTIDT TMRGGRLGVF CFSQENIIWS NLKYRCNDTI PEDFQEFQTQ SFDRLDN HHH HHH

Precautions

THBS4 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Z1T2)