9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13804: THBS4 Mouse

Format :	The THBS4 solution (0.25mg/1ml) contains phosphate buffered saline (pH7.4), 0.1mM PMSF and 20% glycerol.
Alternative Name :	THBS4, Thbs4, Thbs-4, Thrombospondin-4, Thrombospondin4, thrombospondin 4, Tsp4, TSP-4, TSP, TSP4, TS.

Description

Source:HEK293 Cells.
Physical Appearance:Sterile filtered colorless solution.
Biological Activitynull
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.
THBS4 Mouse Recombinant produced in HEK293 Cells is a single, glycosylated polypeptide chain containing 943 amino acids (27-963a.a) and having a molecular mass of 104.3 kDa.THBS4 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	10 µg / 2 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Storage condition :	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.
Amino Acid :	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 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 SFDRLDNHHH HHH