

## *Thrombospondin*



**thrombospondin**

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**Thrombospondin**

Thrombospondins are a family of secreted glycoproteins with antiangiogenic functions. Due to their dynamic role within the extracellular matrix they are considered matricellular proteins. The first member of the family, thrombospondin 1 (THBS1), was discovered in 1971 by Nancy L. Baenziger.

**Thrombospondin - Wikipedia**

Thrombospondin is secreted by some parasites and may enhance their ability to cause disease. It is also found in malignant tumors, where it may block tumor growth and metastasis. thrombospondin

**Thrombospondin | definition of thrombospondin by Medical dictionary**

Thrombospondin 1, which plays a key role in initial immune defense, was found to be the most markedly up-regulated gene in blood after exposure to stents in vitro. thrombospondin-1 and thrombospondin-2 have N-terminal regions for binding to alpha6beta1 integrin; TSP-1 might mediate AGE-induced distal renal tubule hypertrophy.

**THBS1 thrombospondin 1 [ (human)]**

Thrombospondin 1, abbreviated as THBS1, is a protein that in humans is encoded by the THBS1 gene.. Thrombospondin 1 is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1.

**Thrombospondin 1 - Wikipedia**

Thrombospondins are secreted proteins that include signature TSP-1 domains and are known to mediate target recognition by CD36 (Majai et al, 2006). differences in 2007 protein profiles between symbiotic & aposymbiotic larvae Corals A variety of Thrombospondin Schwarz et al.

**thrombospondin - Medical Dictionary**

Thrombospondin is a high-molecular weight, heparin-binding glycoprotein constituent of human platelets (1). Ranging from 30-50 µg per 109 platelets, thrombospondin is one of the most abundant proteins in the platelet a-granule (2,3).

**Human Thrombospondin - Haematologic Technologies, Inc.**

Thrombospondin. Thrombospondin is a 540 kDa glycoprotein released from the α granules of stimulated platelets that has a variety of functions in coagulation, cell adhesion, angiogenesis, and inflammation.

**Thrombospondin - an overview | ScienceDirect Topics**

Thrombospondin-1 is a major component of platelet α-granules, which provides a convenient source for purification of the protein. Methods are described to prepare thrombospondin-1 from human platelets in a biologically active form with minimal degradation or contamination with other platelet proteins. A nondenaturing method is described for ...

**Thrombospondin - an overview | ScienceDirect Topics**

Thrombospondin: One of a family of glycoproteins (carbohydrates complexed with proteins) that are made in cells, secreted by cells, and incorporated into cells including blood platelets (thrombocytes) from which they take their name. Five distinct forms have been identified; they are termed thrombospondin-1, thrombospondin-2, thrombospondin-3, thrombospondin-4, and thrombospondin-5.

**Definition of Thrombospondin - MedicineNet**

Search results for thrombospondin-1 at Sigma-Aldrich. Species Human (7057) , Species Mouse (21825) , Species Rat (445442) , Species cow (281530) , Species Goat (100860971) , Species sheep (101106433) , Species sheep (100294615) , Species Domestic Rabbit (100350430) , Species naked mole-rat (101701581) , Species domestic guinea pig (100727882) , Species Zebrafish (561901) , Species domestic cat ...

**thrombospondin-1 | Sigma-Aldrich**

Looking for online definition of Thrombospondin or what Thrombospondin stands for? Thrombospondin is listed in the World's largest and most authoritative dictionary database of abbreviations and acronyms. Thrombospondin - What does Thrombospondin stand for? The Free Dictionary.

**Thrombospondin - What does Thrombospondin stand for? The Free Dictionary**

Thrombospondin-1 is a 450,000 dalton glycoprotein with seven modular domains [2]. To date, five different paralogs of thrombospondin have been identified, termed thrombospondin-1-5. This chapter will review the two more characterized forms, thrombospondin-1 and thrombospondin-2.

**Thrombospondin 1 - an overview | ScienceDirect Topics**

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. It is involved in local signaling in the developing and adult nervous system, and it contributes to spinal sensitization and ...

**THBS4 thrombospondin 4 [ (human)]**

Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Binds heparin. May play a role in dentinogenesis and/or maintenance of dentin and dental pulp (By similarity). Ligand for CD36 mediating antiangiogenic properties. Plays a role in ER stress response, via its interaction with the activating transcription factor 6 alpha (ATF6) which produces adaptive ER stress ...

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