

Product datasheet for **BA675**

Thrombospondin-1 (THBS1) Human Protein

Product data:

Product Type:	Native Proteins
Description:	Thrombospondin-1 (THBS1) human protein, 25 µg
Species:	Human
Protein Source:	Platelets
Concentration:	lot specific
Purity:	>95% pure by SDS-PAGE
Buffer:	Presentation State: Purified State: Lyophilized purified protein Buffer System: Lyophilized from 20mM Tris, pH 8.0, containing 600mM Sodium Chloride, 2mM CaCl ₂ and 20% Sucrose. No preservatives are added.
Reconstitution Method:	Restore with distilled water.
Preparation:	Lyophilized purified protein
Protein Description:	Human purified Thrombospondin. A cellular adhesion protein. Thrombospondin is a component of the coagulation mechanism and is believed to have potential as a marker for platelet activation and renal failure.
Note:	Caution: All human source materials have tested negative for HIV 1 and HIV 2 and non reactive for HBsAg, anti-HCV and anti-HBc by FDA approved tests. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.
Storage:	Store undiluted at -20°C. Avoid repeated freeze/thaw cycles.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_003237
Locus ID:	7057
Cytogenetics:	15q14
Synonyms:	THBS; THBS-1; TSP; TSP-1; TSP1



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Summary: The protein encoded by this gene 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. This protein has been shown to play roles in platelet aggregation, angiogenesis, and tumorigenesis. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Bladder cancer, ECM-receptor interaction, Focal adhesion, p53 signaling pathway, TGF-beta signaling pathway