Native Human Thrombospondin protein

Cat. No. THBS1-4946H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human Thrombospondin protein was purified from Human Platelet.
Species	Human
Source	Human Platelets
Description	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.
Form	Lyophilized from 20 mM Tris-HCl, pH 8.0, with 600 mM NaCl, 2 mM CaCl2, and 20% sucrose
Molecular Mass	420000
Purity	>=95% by SDS-PAGE
Quality Control Test	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
Stability	> 1year
Storage	<= -20 centigrade

GENE INFORMATION

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Gene Name	THBS1 thrombospondin 1 [Homo sapiens]
Official Symbol	THBS1
Synonyms	THBS1; thrombospondin 1; thrombospondin-1; THBS; THBS 1; thrombospondin 1p180; TSP; TSP 1; TSP1; thrombospondin-1p180; TSP-1; THBS-1;
Gene ID	7057
mRNA Refseq	NM_003246
Protein Refseq	NP_003237
MIM	188060
UniProt ID	P07996
Chromosome Location	15q15
Pathway	Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem;
Function	calcium ion binding; collagen V binding; eukaryotic cell surface binding; fibrinogen binding; fibroblast growth factor binding; fibronectin binding; glycoprotein binding; heparin binding; identical protein binding; integrin binding; laminin binding; low-density lipoprotein particle binding; phosphatidylserine binding; protein binding; proteoglycan binding; structural molecule activity; transforming growth factor beta binding; transforming growth factor beta binding;

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