



Human THBS2 peptide (DAG-P1894)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the thrombospondin family. It is a disulfide-linked homotrimeric glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein has been shown to function as a potent inhibitor of tumor growth and angiogenesis. Studies of the mouse counterpart suggest that this protein may modulate the cell surface properties of mesenchymal cells and be involved in cell adhesion and migration. [provided by RefSeq, Jul 2008]
Specificity	High expression in intervertebral disk tissue.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the thrombospondin family. Contains 3 EGF-like domains. Contains 1 TSP C-terminal (TSPC) domain. Contains 1 TSP N-terminal (TSPN) domain. Contains 3 TSP type-1 domains. Contains 8 TSP type-3 repeats. Contains 1 VWFC domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	THBS2 thrombospondin 2 [Homo sapiens (human)]
Official Symbol	THBS2
Synonyms	THBS2; thrombospondin 2; TSP2; thrombospondin-2;

Entrez Gene ID	7058
mRNA Refseq	NM_003247.3
Protein Refseq	NP_003238.2
UniProt ID	P35442
Chromosome Location	6q27
Pathway	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; Malaria, organism-specific biosystem; Malaria, conserved biosystem; PI3K-Akt signaling pathway, organism-specific biosystem; PI3K-Akt signaling pathway, conserved biosystem; Phagosome, organism-specific biosystem; Phagosome, conserved biosystem; Signal Transduction, orga
Function	calcium ion binding; heparin binding; protein binding;