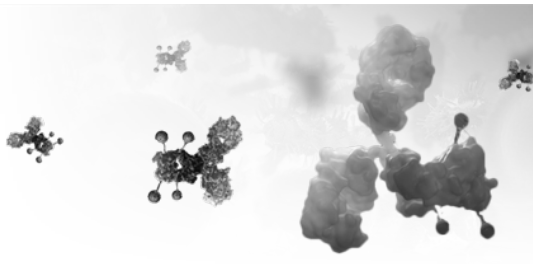

TIMP3 peptide (DAG-P1236)

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

PRODUCT INFORMATION

Antigen Description	This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix (ECM). Expression of this gene is induced in response to mitogenic stimulation and this netrin domain-containing protein is localized to the ECM. Mutations in this gene have been associated with the autosomal dominant disorder Sorsbys fundus dystrophy. [provided by RefSeq, Jul 2008]
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Belongs to the protease inhibitor I35 (TIMP) family.Contains 1 NTR domain.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name	TIMP3 TIMP metallopeptidase inhibitor 3 [Homo sapiens (human)]
Official Symbol	TIMP3

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Synonyms	TIMP3; TIMP metallopeptidase inhibitor 3; SFD; K222; K222TA2; HSMRK222; metalloproteinase inhibitor 3; TIMP-3; MIG-5 protein; protein MIG-5; tissue inhibitor of metalloproteinases 3;
Entrez Gene ID	7078
mRNA Refseq	NM_000362.4
Protein Refseq	NP_000353.1
UniProt ID	P35625
Chromosome Location	22q12.3
Pathway	Angiogenesis, organism-specific biosystem; Endochondral Ossification, organism-specific biosystem; Matrix Metalloproteinases, organism-specific biosystem; MicroRNAs in cancer, organism-specific biosystem; MicroRNAs in cancer, conserved biosystem; Oncostatin M Signaling Pathway, organism-specific biosystem; Proteoglycans in cancer, organism-specific biosystem; Proteoglycans in cancer, conserved biosystem;
Function	metal ion binding; metalloendopeptidase inhibitor activity; protein binding;

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