



TIMP4 peptide (DAG-P2001)

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. The secreted, netrin domain-containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and endometrial tissue remodeling. [provided by RefSeq, Jul 2008]
Specificity	Abundant in heart and present at low levels in many other tissues.
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: 50% Glycerol, 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: 50% Glycerol, 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name [TIMP4 TIMP metalloproteinase inhibitor 4 \[Homo sapiens \(human\) \]](#)

Official Symbol	TIMP4
Synonyms	TIMP4; TIMP metalloproteinase inhibitor 4; metalloproteinase inhibitor 4; TIMP-4; tissue inhibitor of metalloproteinase 4; tissue inhibitor of metalloproteinases 4;
Entrez Gene ID	7079
mRNA Refseq	NM_003256.3
Protein Refseq	NP_003247.1
UniProt ID	Q99727
Chromosome Location	3p25
Pathway	Matrix Metalloproteinases, organism-specific biosystem;
Function	metal ion binding; metalloendopeptidase inhibitor activity;