

Recombinant Human TIMP4

Cat. No. TIMP4-31152TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TIMP4 protein purified from transfected human kidney cells.
Species	Human
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.
Tissue specificity	Abundant in heart and present at low levels in many other tissues.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.01% Sodium Azide Constituents: 10mM MES, 50% Glycerol, 0.02% Brij 35, 300mM Sodium chloride, pH 5.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the protease inhibitor I35 (TIMP) family. Contains 1 NTR domain.

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Full Length	Full L.
GENE INFORMATION	
Gene Name	TIMP4 TIMP metallopeptidase inhibitor 4 [Homo sapiens]
Official Symbol	TIMP4
Synonyms	TIMP4; TIMP metallopeptidase inhibitor 4; tissue inhibitor of metalloproteinase 4; metalloproteinase inhibitor 4;
Gene ID	7079
mRNA Refseq	NM_003256
Protein Refseq	NP_003247
MIM	601915
Uniprot ID	Q99727
Chromosome Location	3p25
Pathway	Matrix Metalloproteinases, organism-specific biosystem;
Function	enzyme inhibitor activity; metal ion binding; metalloendopeptidase inhibitor activity;

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