

## Recombinant Human TIMP4

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

### SPECIFICATION

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