

## Recombinant Human TIMP4 protein, Fc-tagged

Cat. No. TIMP4-27M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TIMP4(aa 22-279) fused with Fc region of mouse IgG2a at N-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	aa 22-279
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Molecular Mass</b>	~85kDa (SDS-PAGE)
<b>Endotoxin</b>	<5EU/mg protein (LAL test; Lonza).
<b>Purity</b>	≥98% (SDS-PAGE)
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade.
<b>Storage</b>	Short Term Storage: +4 centigrade; Long Term Storage: -20 centigrade; Avoid freeze/thaw cycles.
<b>Reconstitution</b>	Reconstitute with 100 µl sterile water. Add 1X PBS to the desired protein concentration.

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**Shipping**

BLUE ICE

## 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; TIMP-4; tissue inhibitor of metalloproteinases 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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