

## Recombinant Human TIMP4 Protein (Cys32-Pro224), His tagged

Cat. No. TIMP4-6458H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TIMP4 (Cys32-Pro224) fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Cys32-Pro224
<b>Description</b>	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9.
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	23.11 kDa
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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<b>Storage Buffer</b>	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	TIMP4 TIMP metalloproteinase inhibitor 4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TIMP4
<b>Synonyms</b>	TIMP4; TIMP metalloproteinase inhibitor 4; tissue inhibitor of metalloproteinase 4; metalloproteinase inhibitor 4; TIMP-4; tissue inhibitor of metalloproteinases 4;
<b>Gene ID</b>	7079
<b>mRNA Refseq</b>	NM_003256
<b>Protein Refseq</b>	NP_003247
<b>MIM</b>	601915
<b>UniProt ID</b>	Q99727

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