

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

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

SPECIFICATION

Product Overview	Recombinant human TIMP4 (Cys32-Pro224) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys32-Pro224
Description	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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	23.11 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	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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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	TIMP4 TIMP metalloproteinase inhibitor 4 [Homo sapiens (human)]
Official Symbol	TIMP4
Synonyms	TIMP4; TIMP metalloproteinase 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

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