

Recombinant Human TIMP3 Protein (Cys24-Pro211), His tagged

Cat. No. TIMP3-2394H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TIMP3 (Cys24-Pro211) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys24-Pro211
Description	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. May form part of a tissue-specific acute response to remodeling stimuli. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-13, MMP-14 and MMP-15.
Molecular Mass	22.93 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	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	TIMP3 TIMP metalloproteinase inhibitor 3 [Homo sapiens (human)]
Official Symbol	TIMP3
Synonyms	TIMP3; TIMP metalloproteinase inhibitor 3; SFD, tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinflammatory); metalloproteinase inhibitor 3; TIMP-3; MIG-5 protein; protein MIG-5; tissue inhibitor of metalloproteinases 3; SFD; K222; K222TA2; HSMRK222;
Gene ID	7078
mRNA Refseq	NM_000362
Protein Refseq	NP_000353
MIM	188826
UniProt ID	P35625

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