

TIMP3 recombinant protein

TIMP3 protein

CATALOG # AAA226276	HOST E Coli	APPLICATIONS Western Blot, SDS-Page, ELISA
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PRODUCT SYNONYMS

TIMP3; TIMP3 protein; Recombinant Human Metalloproteinase inhibitor 3 (TIMP3); partial; Protein MIG 5 protein; Tissue inhibitor of metalloproteinases 3 protein; TIMP 3 protein; Metalloproteinase inhibitor 3 protein; TIMP-3 protein; TIMP3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% pure
Form/Format	10 mM Tris-HCl, 1 mM EDTA, pH 8.0, 20% glycerol
Sequence Positions	30-208
Sequence	HPQDAFCNSD IVIRAKVVGK KLVKEGPFGT LVYTIKQMKM YRGFTKMPHV QYIITEASES LCGLKLEVNK YQYLLTGRVY DGKMYTGLCN FVERWDQLTL SQRKGLNYRY HLGNCNCKIKS CYLPCFVTS KNECLWTDML SNFGYPGYQS KHYACIRQKG GYCSWYRGWA PPDKSIINA
Applicable Applications for TIMP3 recombinant protein	WB (Western Blot), SDS-PAGE, ELISA
Species	Human
Protein Type	Recombinant
Preparation and Storage	Store at 4 degree C in a working aliquot for 1 week. For long term storage, aliquot and freeze at -20 to -80 degree C, avoid repeat freeze/thaw cycles

ADDITIONAL INFORMATION

Related Product Information for TIMP3 recombinant protein	TIMP3 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.
Product Categories/Family for TIMP3 recombinant protein	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	47678717
NCBI GeneID	7078
UniProt Accession #	P35625 ; Q5THV4 ; Q9UC74 ; Q9UGS2 ; B2RBY9
Molecular Weight	46 kDa
NCBI Official Full Name	TIMP3
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 3
NCBI Official Symbol	TIMP3

NCBI Official Synonym Symbols	SFD; K222; K222TA2; HSMRK222
NCBI Protein Information	metalloproteinase inhibitor 3
UniProt Protein Name	Metalloproteinase inhibitor 3
UniProt Gene Name	TIMP3
UniProt Synonym Gene Names	TIMP-3
UniProt Entry Name	TIMP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/timp3-recombinant-protein-e-coli-wb-western-blot-sds-page-elisa/226276>