

Tissue Inhibitors Of Metalloproteinase 1 (TIMP1) Recombinant Protein | TIMP1 recombinant protein

Recombinant Tissue Inhibitors Of Metalloproteinase 1 (TIMP1)

CATALOG # AAA134220	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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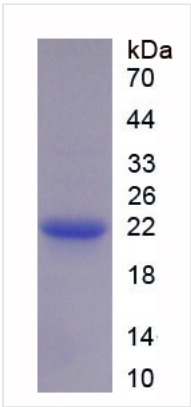
PRODUCT SYNONYMS

Tissue Inhibitors Of Metalloproteinase 1 (TIMP1); Recombinant Tissue Inhibitors Of Metalloproteinase 1 (TIMP1); TIMP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for TIMP1 recombinant protein	Positive Control, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Thr25~Ala207
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Buffer	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Predicted isoelectric point	8.3
Predicted Molecular Mass	21.9kDa
Accurate Molecular Mass	22kDa as determined by SDS%PAGE reducing conditions.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507509
NCBI GeneID	7076
NCBI Accession #	NP_003245.1
NCBI GenBank Nucleotide #	NM_003254.2
UniProt Accession #	P01033; Q14252; Q9UCU1
NCBI Official Full Name	metalloproteinase inhibitor 1
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 1
NCBI Official Symbol	TIMP1
NCBI Official Synonym Symbols	EPA; EPO; HCI; CLGI; TIMP
NCBI Protein Information	metalloproteinase inhibitor 1; TIMP-1; collagenase inhibitor; erythroid potentiating activity; erythroid-potentiating activity; fibroblast collagenase inhibitor; tissue inhibitor of metalloproteinases 1
UniProt Protein Name	Metalloproteinase inhibitor 1
UniProt Gene Name	TIMP1
UniProt Synonym Gene Names	CLGI; TIMP; EPA; Collagenase inhibitor; TIMP-1
UniProt Entry Name	TIMP1_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/timp1-recombinant-protein-e-coli-positive-control-wb-western-blot-sds-page/134220>