

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

Eukaryotic Tissue Inhibitors Of Metalloproteinase 1 (TIMP1)

CATALOG # AAA150593	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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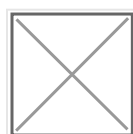
PRODUCT SYNONYMS

Tissue Inhibitors Of Metalloproteinase 1 (TIMP1); Eukaryotic Tissue Inhibitors Of Metalloproteinase 1 (TIMP1); Tissue Inhibitors Of Metalloproteinase 1; EPO; CLGI; EPA; HCI; Erythroid Potentiating Activity; Collagenase Inhibitor; Metalloproteinase inhibitor 1; Fibroblast collagenase inhibitor; TIMP1 protein

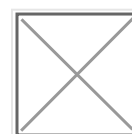
PRODUCT SPECIFICATIONS

Host	293F cells
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Cys24~Ala2 17
Applicable Applications for TIMP1 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Rat
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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 degree 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
Figure. SDS-PAGE



Sequence

ADDITIONAL INFORMATION

Product Categories/Family for TIMP1 protein	Tumor immunity; Infection immunity; Cardiovascular biology; Hepatology; Hormone metabolism; Eukaryotic proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16758666
NCBI GeneID	116510
NCBI Accession #	NP_446271.1
NCBI GenBank Nucleotide #	NM_053819.1
UniProt Accession #	P30120; P70533; Q53YM7
Molecular Weight	23,794 Da
NCBI Official Full Name	metalloproteinase inhibitor 1
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 1
NCBI Official Symbol	Timp1
NCBI Official Synonym Symbols	Timp; TIMP-1
NCBI Protein Information	metalloproteinase inhibitor 1
UniProt Protein Name	Metalloproteinase inhibitor 1
UniProt Gene Name	Timp1
UniProt Synonym Gene Names	Timp-1; TIMP-1
UniProt Entry Name	TIMP1_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/293f-cells-protein/tissue-inhibitors-of-metalloproteinase-1-timp1/150593>