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Datasheet for ABIN1001180

**TIMP1 Protein (AA 24-207) (His tag)**

## Overview

Quantity:	10 µg
Target:	TIMP1
Protein Characteristics:	AA 24-207
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIMP1 protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

## Product Details

Purpose:	Tissue Inhibitor of Metalloproteinase 1 (TIMP-1) (Western Blot Control)
Sequence:	CTCVPPHPQT AFCNSDLVIR AKFVGTPEVN QTTLYQRYEI CTCVPPHPQT AFCNSDLVIR AKFVGTPEVN QTTLYQRYEI CTCVPPHPQT AFCNSDLVIR AKFVGTPEVN QTTLYQRYEI CTCVPPHPQT AFCNSDLVIR AKFVGTPEVN QTTLYQRYEI SRHLACLPRE PGLCTWQSLR SQIA
Characteristics:	recombinant TIMP-1 comprises a 184 amino acid fragment (24-207) corresponding to the mature TIMP1 protein and is expressed in E. coli with an aminoterminal hexahistidine tag.
Purity:	> 95 %

## Target Details

Target:	TIMP1
Alternative Name:	Tissue Inhibitor of Metalloproteinase 1 ( <a href="#">TIMP1 Products</a> )

## Target Details

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**Background:** TIMP-1 is an inducible glycoprotein, which is synthesized by many different cell types. TIMP-1 binds in a reversible fashion to matrix metalloproteinases, with regions in the Nterminal domain binding to the MMP substrate-binding site. TIMP-1 also functions as erythroid-potentiating activity via translocation to the nucleus and also in inhibiting apoptosis in B-cells., Soluble tumour necrosis factor receptor-1, Tumour necrosis factor receptor subfamily member 1A (TNFRSF1A), Tumour necrosis factor binding protein I (TNFBPI), Tumour necrosis factor receptor type I (TNFRI), Tumour necrosis factor-alpha receptor (TNFAR), CD120a antigen, p55, p55-R, p60, MGC19588.

**Molecular Weight:** 25.21 kDa

**UniProt:** [P01033](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Buffer:** Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

**Preservative:** Dithiothreitol (DTT)

**Precaution of Use:** This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C

**Storage Comment:** Store at -20 °C