

TIMP-1, human recombinant protein
Tissue Inhibitor of Matrix Metalloproteinases - 1
Catalog # PBV11355r**Specification**

TIMP-1, human recombinant protein - Product info

Primary Accession	P01033
Concentration	0.05
Calculated MW	28.0 kDa KDa

TIMP-1, human recombinant protein - Additional Info

Gene ID	7076
Gene Symbol	TIMP1
Other Names	
Metalloproteinase inhibitor 1 (Erythroid-potentiating activity) (EPA) (Fibroblast collagenase inhibitor) (Collagenase inhibitor) (Tissue inhibitor of metalloproteinases 1) (TIMP-1)	
Gene Source	Human
Source	Sf9 cells
Assay&Purity	SDS-PAGE; ≥92%
Assay2&Purity2	HPLC;
Recombinant	Yes
Format	
Liquid	

Storage

-80°C; In 50 mM Tris-HCl, pH 7; 200 mM NaCl; 5 mM CaCl₂; 1 µM ZnCl₂; 0.05% Brij 35; 0,05% NaN₃

TIMP-1, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TIMP-1, human recombinant protein - Images**TIMP-1, human recombinant protein - Background**

The tissue inhibitor of metalloproteinases (TIMP-1) is a glycoprotein with a molecular mass of about 28-kDa. The secreted protein consists of 184 amino acids, six disulfide bonds and two glycosylation sites containing N-linked oligosaccharides. TIMP-1 specifically inhibits the

extracellular-matrix-degrading metalloproteinases such as collagenase, gelatinase and stromelysin. It has no activity on mammalian membrane metallo-proteinases, procollagen peptidase, or on bacterial metalloproteinases such as thermolysin