

TIMP-1, human neutrophil granulocytes recombinant protein
Tissue Inhibitor of Matrix Metalloproteinases - 1
Catalog # PBV11356r**Specification**

TIMP-1, human neutrophil granulocytes recombinant protein - Product info

Primary Accession [P01033](#)
Calculated MW **28.0 kDa**

TIMP-1, human neutrophil granulocytes 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 **Human neutrophil granulocytes (Buffy Coat)**

Assay&Purity **SDS-PAGE; ≥92%**
Assay2&Purity2 **HPLC;**
Recombinant **No**

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 neutrophil granulocytes 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 neutrophil granulocytes recombinant protein - Images**TIMP-1, human neutrophil granulocytes 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