



**TIMP-1**

**Human, Recombinant, *E. coli***

**Cat. No.:** RCP9170  
RCP9171  
RCP9172

**Size:** 10µg  
100µg  
1000µg

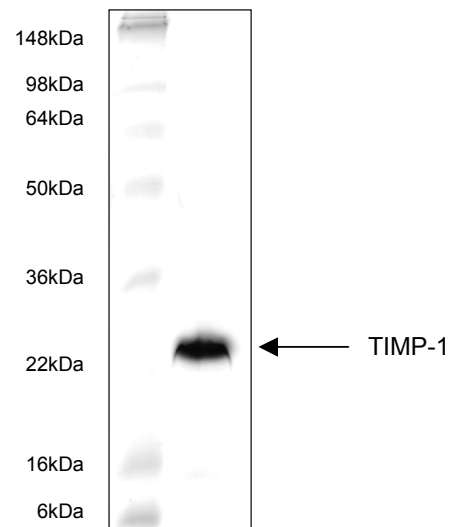
**Synonym:** CLGI, EPA, EPO, HCl, TIMP, Erythroid-potentiating activity, tissue inhibitor of metalloprotease 1, collagenase inhibitor, metalloprotease inhibitor 1 precursor, tissue inhibitor of metalloproteases, Fibroblast collagenase inhibitor.

**Description:** 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 N-terminal 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.

**RANDOX** recombinant TIMP-1 comprises a 184 amino acid fragment (24-207) corresponding to the mature TIMP-1 protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

**Form:** Liquid

**Purity:** >95% by SDS-PAGE



**References:** Docherty AJ. *et al.*, (1985) *Nature*. **318**: 66-69.