

TIMP-1

Human, Recombinant, *E. coli*

Cat. No.:	RCP9170	Size:	10µg
	RCP9171		100µg
	RCP9172		1000µg

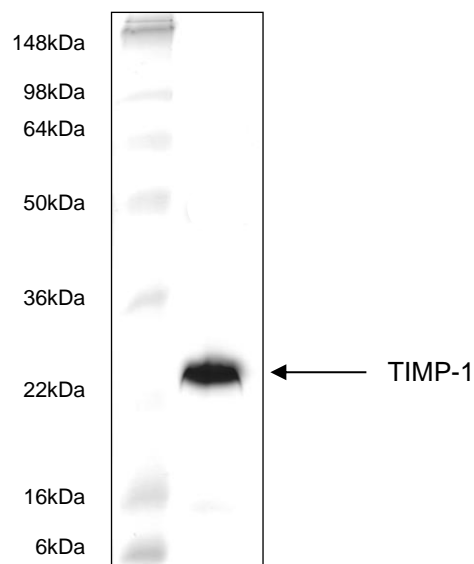
Synonym: CLGI, EPA, EPO, HCl, TIMP, Erythroid-potentiating activity, tissue inhibitor of metalloprotease 1, collagenase inhibitor, metalloprotease inhibitor 1 precursor, tissue inhibitor of metalloproteases, Fibroblast collagenase inhibitor.

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.