
TIMP-1

Human, Recombinant, *E. coli*

Cat. No.: RCP9169

Size: 10µg

Synonym: 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.

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.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1%(w/v) SDS, 0.1%(w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

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