

Recombinant Human Metalloproteinase Inhibitor 1 Protein

Catalog #	Source	Reactivity	Applications
CST1689	HEK293	H	
Description	Recombinant Human Metalloproteinase Inhibitor 1 Protein is produced by HEK293 expression system and the target gene encoding Cys24-Ala207 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	TIMP1		
Alternative Names	CLGI; TIMP; Metalloproteinase inhibitor 1; Erythroid-potentiating activity; EPA; Fibroblast collagenase inhibitor; Collagenase inhibitor; Tissue inhibitor of metalloproteinases 1; TIMP-1		
Entrez Gene	7076		
SwissProt	P01033		
Purity			
Chemical Structure	CTCVPPHPQT AFCNSDLVIR AKFVGTPENV QTTLYQRYEI KMTKMYKGFQ ALGDAADIRF VYTPAMESVC GYFHRSHNRS EEFLIAGKLQ DGLLHITTCS FVAPWNSLSL AQRRGFTKTY TVGCEECTVF PCLSIPCKLQ SGTHCLWTDQ LLQGSEKGFQ SRHLACLPRE PGLCTWQSLR SQIA		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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