Recombinant Human TIMP1 protein, His-tagged

Cat. No. TIMP1-7822H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIMP1 protein(1-146 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-146 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	CTCVPPHPQTAFCNSDLVIRAKFVGTPEVNQTTLYQRYEIKMTKMYKGFQALGDAA DIRFVYTPAMESVCGYFHRSHNRSEEFLIAGKLQDGLLHITTCSFVAPWNSLSLAQR RGFTKTYTVGCEECTVFPCLSIPCKLQSGTHCL
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

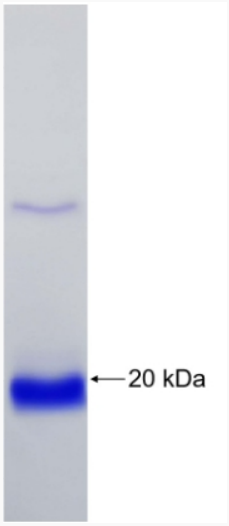
	0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TIMP1 TIMP metallopeptidase inhibitor 1 [Homo sapiens]
Official Symbol	TIMP1
Synonyms	TIMP1; TIMP metallopeptidase inhibitor 1; CLGI, TIMP, tissue inhibitor of metalloproteinase 1 (erythroid potentiating activity, collagenase inhibitor); metalloproteinase inhibitor 1; EPO; TIMP-1; collagenase inhibitor; erythroid potentiating activity; erythroid-potentiating activity; fibroblast collagenase inhibitor; tissue inhibitor of metalloproteinases 1; EPA; HCI; CLGI; TIMP; FLJ90373;
mRNA Refseq	NM_003254
Protein Refseq	NP_003245
MIM	305370
UniProt ID	P01033
Gene ID	7076

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA