

Recombinant Mouse Timp1 protein, His-tagged

Cat. No. Timp1-2788M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Timp1 aa. (Ala35~Pro160) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ala35~Pro160
Form	Freeze-dried powder
Molecular Mass	15kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 9.4.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 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

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

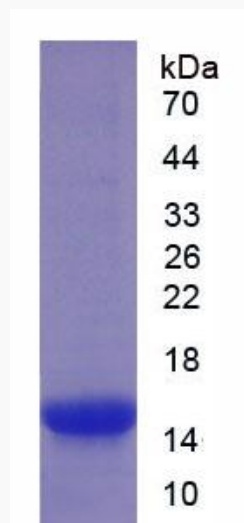
Gene Name	Timp1 tissue inhibitor of metalloproteinase 1 [Mus musculus (house mouse)]
Official Symbol	Timp1
Synonyms	EPA; Clgi; Timp; TIMP-1; TPA-S1; TPA-induced protein; collagenase inhibitor 16C8 fibroblast; erythroid-potentiating activity; tissue inhibitor of metalloproteinases 1; metalloproteinase inhibitor 1
Gene ID	21857
mRNA Refseq	NM_001044384.1
Protein Refseq	NP_001037849.1
UniProt ID	P12032

 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