

## Recombinant Mouse Timp1 protein, His-SUMO-tagged

**Cat. No.** Timp1-3583M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Timp1 protein(P12032)(25-205aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-205aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	36.2 kDa
<b>AA Sequence</b>	CSCAPPHPQTAF CNSDLVIRAKFMGSPEINETTLYQRYKIKMTKMLKGFKAVGNAAD IRYAYTPVMESLCGYAHKSQNRSEEFLLTGRLRNGNLHISACSFLVPWRTLSPAQQR AFSKTYSAGCGVCTVFPCLSIPCKLES DTHCLWTDQVLVGS E D Y Q S R H F A C L P R N P GLCTWRSLGAR
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION****Gene Name**

Timp1 tissue inhibitor of metalloproteinase 1 [ *Mus musculus* ]

**Official Symbol**

Timp1

**Synonyms**

TIMP1; tissue inhibitor of metalloproteinase 1; metalloproteinase inhibitor 1; EPA; TPA-S1; TPA-induced protein; erythroid-potentiating activity; collagenase inhibitor 16C8 fibroblast; tissue inhibitor of metalloproteinase-1; tissue inhibitor of metalloproteinases 1; Clgi; Timp; TIMP-1; MGC7143;

**Gene ID**

21857

**mRNA Refseq**

NM\_001044384

**Protein Refseq**

NP\_001037849

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