

## 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>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p> |
| <b>Molecular Mass</b>   | 36.2 kDa                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | <p>CSCAPPHPQTAF CNSDLVIRAKFMGSPEINETTLYQRYKIKMTKMLKGFKAVGNAAD</p> <p>IRYAYTPVMESLCGYAHKSQNRSEEFITGRLRNGNLHISACSFLVPWRTLSPAQQR</p> <p>AFSKTYSAGCGVCTVFPCLSIPCKLES DTHCLWTDQVLVGSEDYQSRHFACLP RNP</p> <p>GLCTWRSLGAR</p>                           |
| <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.                                                                                                                                   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA