

## Recombinant Mouse Timp2 protein, His-tagged

**Cat. No.** Timp2-542M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Timp2 aa. (Cys27~Pro220) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Cys27~Pro220
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	22kDa as determined by SDS-PAGE reducing conditions
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>92%
<b>Characteristic</b>	The isoelectric point is 7.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.
<b>Stability</b>	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

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than 5% within the expiration date under appropriate storage condition.

**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**

Timp2 tissue inhibitor of metalloproteinase 2 [ *Mus musculus* (house mouse) ]

**Official Symbol**

Timp2

**Synonyms**

Timp2; Timp-2; D11Bwg1104e; metalloproteinase inhibitor 2; tissue inhibitor of metalloproteinases 2

**Gene ID**

21858

**mRNA Refseq**

NM\_011594.3

**Protein Refseq**

NP\_035724.2

**UniProt ID**

Q6PI17

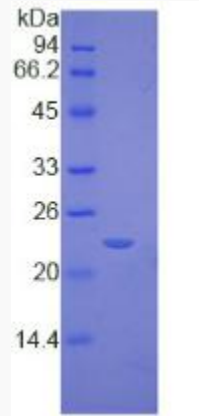
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SDS-PAGE



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