

## Recombinant Mouse TIMP4 Protein (30-224 aa), His-tagged

Cat. No. TIMP4-832B Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse TIMP4 Protein (30-224 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	30-224 aa
<b>Description</b>	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates th by binding to their catalytic zinc cofactor.
<b>Form</b>	Tris-based buffer, 50% glycerol
<b>Molecular Mass</b>	26.5 kDa
<b>AA Sequence</b>	CSCAPAHPPQQHVCHSALAIRAKISSEKVVDPADPQKMIRYEIKQIKMFKGFQKVN NDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPWENLSFLQR ESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGYQAQHYVCMKHV DGSCSWYQGRRLPLRKEFVDIIQP
<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

**Storage**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration**

A hardcopy of COA with concentration instruction is sent along with the products.

## GENE INFORMATION

**Gene Name**

Timp4 tissue inhibitor of metalloproteinase 4 [ *Mus musculus* ]

**Official Symbol**

TIMP4

**Synonyms**

TIMP4; metalloproteinase inhibitor 4; TIMP-4;

**Gene ID**

110595

**mRNA Refseq**

NM\_080639

**Protein Refseq**

NP\_542370

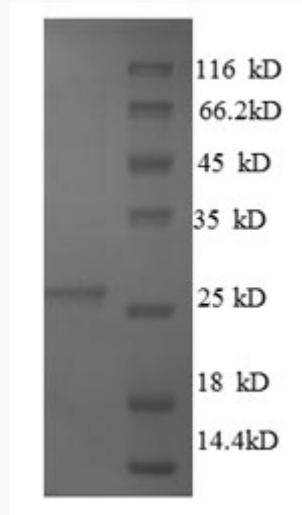
**UniProt ID**

O97563

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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