

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

Cat. No. TIMP4-1541B Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Bovine TIMP4 Protein (30-224 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
<b>Species</b>	Bovine
<b>Source</b>	Yeast
<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>	24.5 kDa
<b>AA Sequence</b>	CSCAPAHPPQQHVCHSALAIRAKISSEKVVDPADPQKMIRYEIKQIKMFKGFEKV NDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPWENLSFLQR ESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGYQAQHYVCMKHV DGSCSWYQGRPLRKEFVDIIQP
<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 reconstitution instruction is sent along with the products.

## GENE INFORMATION

**Gene Name**

TIMP4 TIMP metalloproteinase inhibitor 4 [ *Bos taurus* (cattle) ]

**Official Symbol**

TIMP4

**Synonyms**

TIMP4; Tissue inhibitor of metalloproteinases 4; TIMP-4;

**Gene ID**

317694

**mRNA Refseq**


NM\_001045871

**Protein Refseq**

NP\_001039336

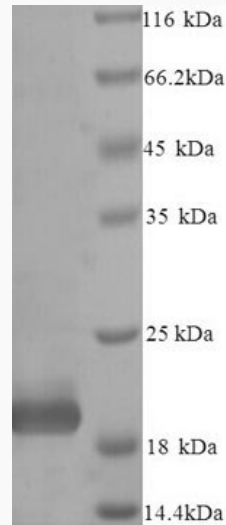
**UniProt ID**

O97563

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

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