

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

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

SPECIFICATION

Product Overview	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.
Species	Bovine
Source	Yeast
ProteinLength	30-224 aa
Description	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates th by binding to their catalytic zinc cofactor.
Form	Tris-based buffer,50% glycerol
Molecular Mass	24.5 kDa
AA Sequence	CSCAPAHPPQQHVCCHSALAIRAKISSEKVVPASTDPA DPQKMIRYEIKQIKMFKGFKEKV NDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPWENLSFLQR ESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGYQAQHYVCMKHV DGSCSWYQGRLPLRKEFVDIIQP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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

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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

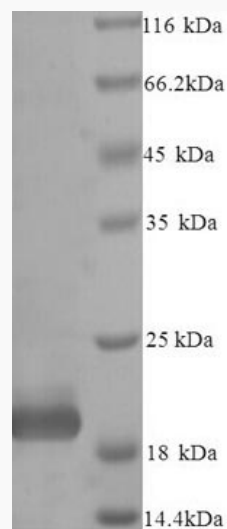
UniProt ID

O97563

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

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