

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

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	E.coli
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	26.5 kDa
AA Sequence	CSCAPAHPPQHVCHSALAIRAKISSEKVVPASTDPA DPQKMIRYEIKQIKMFKGFEEKV NDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPWENLSFLQR ESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGYQAQHYVCMKHV DGSCSWYQGRLPLRKEFVDIIQP
Purity	> 90% as determined by SDS-PAGE.
Notes	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

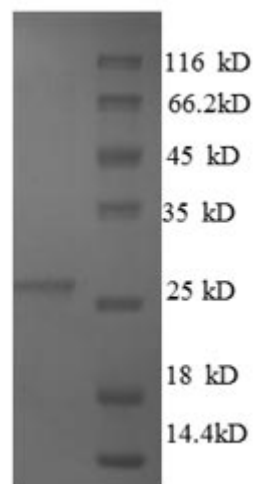
UniProt ID

O97563

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

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