





## Recombinant Bovine Metalloproteinase inhibitor 4 (TIMP4)

of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  Uniprot No. O97563  Alias Tissue inhibitor of metalloproteinases 4 ;TIMP-4  Product Type Recombinant Protein  Immunogen Species Bos taurus (Bovine)  Purity Greater than 90% as determined by SDS-PAGE.  Sequence CSCAPAHPQQHVCHSALAIRAKISSEKVVPASTDPADPQKMIRYEIKQIKMFKGFEKVNDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPW		
inactivates th by binding to their catalytic zinc cofactor.  Abbreviation Recombinant Bovine TIMP4 protein  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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-	<b>Product Code</b>	CSB-EP023563BO
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  Uniprot No. O97563  Alias Tissue inhibitor of metalloproteinases 4;TIMP-4  Product Type Recombinant Protein  Immunogen Species Bos taurus (Bovine)  Purity Greater than 90% as determined by SDS-PAGE.  Sequence CSCAPAHPQQHVCHSALAIRAKISSEKVVPASTDPADPQKMIRYEIKQIKMFKGFEKVNDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPWENLSFLQRESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGYQAQHYVCMKHVDGSCSWYQGRLPLRKEFVDIIQP  Research Area Others  Source E.coli  Target Names TIMP4  Expression Region 30-224aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.5kDa	Relevance	
storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  Uniprot No. O97563  Alias Tissue inhibitor of metalloproteinases 4;TIMP-4  Product Type Recombinant Protein  Immunogen Species Bos taurus (Bovine)  Purity Greater than 90% as determined by SDS-PAGE.  Sequence CSCAPAHPQQHVCHSALAIRAKISSEKVVPASTDPADPQKMIRYEIKQIKMFKGFEKVNDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPWENLSFLQRESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGYQAQHYVCMKHVDGSCSWYQGRLPLRKEFVDIIQP  Research Area Others  Source E.coli  Target Names TIMP4  Expression Region 30-224aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.5kDa	Abbreviation	Recombinant Bovine TIMP4 protein
Alias Tissue inhibitor of metalloproteinases 4 ;TIMP-4  Product Type Recombinant Protein  Immunogen Species Bos taurus (Bovine)  Purity Greater than 90% as determined by SDS-PAGE.  Sequence CSCAPAHPQQHVCHSALAIRAKISSEKVVPASTDPADPQKMIRYEIKQIKMFKGFEKVNDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPWENLSFLQRESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGYQAQHYVCMKHVDGSCSWYQGRLPLRKEFVDIIQP  Research Area Others  Source E.coli  Target Names TIMP4  Expression Region 30-224aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.5kDa	Storage	storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12
Product Type         Recombinant Protein           Immunogen Species         Bos taurus (Bovine)           Purity         Greater than 90% as determined by SDS-PAGE.           Sequence         CSCAPAHPQQHVCHSALAIRAKISSEKVVPASTDPADPQKMIRYEIKQIKMFKG FEKVNDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPW ENLSFLQRESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGY QAQHYVCMKHVDGSCSWYQGRLPLRKEFVDIIQP           Research Area         Others           Source         E.coli           Target Names         TIMP4           Expression Region         30-224aa           Notes         Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.           Tag Info         N-terminal 6xHis-tagged           Mol. Weight         26.5kDa	Uniprot No.	O97563
Immunogen Species   Bos taurus (Bovine)	Alias	Tissue inhibitor of metalloproteinases 4 ;TIMP-4
Purity Greater than 90% as determined by SDS-PAGE.  Sequence CSCAPAHPQQHVCHSALAIRAKISSEKVVPASTDPADPQKMIRYEIKQIKMFKG FEKVNDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPW ENLSFLQRESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGY QAQHYVCMKHVDGSCSWYQGRLPLRKEFVDIIQP  Research Area Others  Source E.coli  Target Names TIMP4  Expression Region 30-224aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.5kDa	Product Type	Recombinant Protein
Sequence  CSCAPAHPQQHVCHSALAIRAKISSEKVVPASTDPADPQKMIRYEIKQIKMFKG FEKVNDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPW ENLSFLQRESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGY QAQHYVCMKHVDGSCSWYQGRLPLRKEFVDIIQP  Research Area  Others  Source  E.coli  Target Names  TIMP4  Expression Region  30-224aa  Notes  Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info  N-terminal 6xHis-tagged  Mol. Weight  26.5kDa	Immunogen Species	Bos taurus (Bovine)
FEKVNDIQYIYTPFDSSLCGVKLEANSQKRYLLTGQILSDGKVFVHLCNYIEPW ENLSFLQRESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGY QAQHYVCMKHVDGSCSWYQGRLPLRKEFVDIIQP  Research Area Others  Source E.coli  Target Names TIMP4  Expression Region 30-224aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.5kDa	Purity	Greater than 90% as determined by SDS-PAGE.
SourceE.coliTarget NamesTIMP4Expression Region30-224aaNotesRepeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.Tag InfoN-terminal 6xHis-taggedMol. Weight26.5kDa	Sequence	ENLSFLQRESLNHHYHLNCGCQITTCYAVPCTISAPNECLWTDWLLERKLYGY
Target NamesTIMP4Expression Region30-224aaNotesRepeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.Tag InfoN-terminal 6xHis-taggedMol. Weight26.5kDa	Research Area	Others
Expression Region30-224aaNotesRepeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.Tag InfoN-terminal 6xHis-taggedMol. Weight26.5kDa	Source	E.coli
NotesRepeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.Tag InfoN-terminal 6xHis-taggedMol. Weight26.5kDa	<b>Target Names</b>	TIMP4
4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.5kDa	Expression Region	30-224aa
Mol. Weight 26.5kDa	Notes	
	Tag Info	N-terminal 6xHis-tagged
Protein Length Full Length of Mature Protein	Mol. Weight	26.5kDa
	Protein Length	Full Length of Mature Protein
Image	Image	

**CUSABIO**® Your good partner in biology research

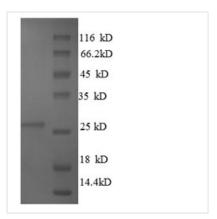


## **CUSABIO TECHNOLOGY LLC**

🕜 Tel: +1-301-363-4651 💢 Email: cusabio@cusabio.com 🥥 Website: www.cusabio.com 🍵







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

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## **Shelf Life**

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.