

Recombinant Cattle TIMP2 protein, His & T7-tagged

Cat. No. TIMP2-539C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle TIMP2 aa. (Cys27~Pro220 (Accession # P16368)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Cys27~Pro220
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.6.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

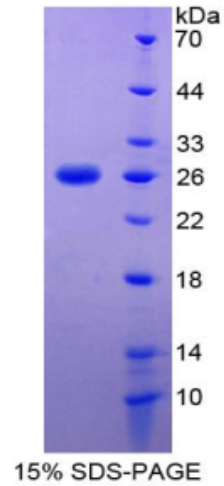
Gene Name	TIMP2 TIMP metalloproteinase inhibitor 2 [Bos taurus (cattle)]
Official Symbol	TIMP2
Synonyms	TIMP2; metalloproteinase inhibitor 2; TIMP-2; collagenase inhibitor; tissue inhibitor of metalloproteinases 2; tissue inhibitor of mettalloproteinase 2
Gene ID	282093
mRNA Refseq	NM_174472.4
Protein Refseq	NP_776897.2
UniProt ID	P16368

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SDS-PAGE



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