

Recombinant Horse TIMP1 protein, His & GST-tagged

Cat. No. TIMP1-2787H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Horse TIMP1 aa. (Cys24~Ser178 (Accession # O02722)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Horse
Source	E.coli
ProteinLength	Cys24~Ser178
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.7.
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.

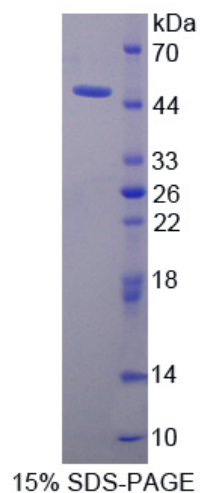
GENE INFORMATION

Gene Name	TIMP1 TIMP metalloproteinase inhibitor 1 [Equus caballus (horse)]
Official Symbol	TIMP1
Synonyms	TIMP-1; tissue inhibitor of metalloproteinase 1; tissue inhibitor of metalloproteinases 1; metalloproteinase inhibitor 1
Gene ID	100034220
mRNA Refseq	NM_001082515.1
Protein Refseq	NP_001075984.1
UniProt ID	O02722

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SDS-PAGE

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