

Recombinant Dog TIMP2 protein, His-tagged

Cat. No. TIMP2-540D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog TIMP2 aa. (His33~Glu153 (Accession # Q9TTY1)) fused with N-terminal His tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	His33~Glu153
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.7.
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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

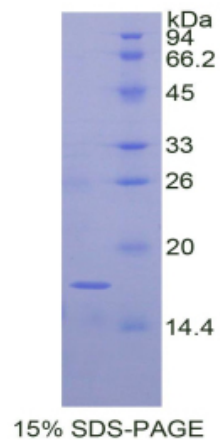
GENE INFORMATION

Gene Name	TIMP2 TIMP metalloproteinase inhibitor 2 [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	TIMP2
Synonyms	TIMP2; metalloproteinase inhibitor 2; TIMP-2; tissue inhibitor of matrix metalloproteinase-2; tissue inhibitor of metalloproteinase-2; tissue inhibitor of metalloproteinases 2
Gene ID	403633
mRNA Refseq	NM_001003082.1
Protein Refseq	NP_001003082.1
UniProt ID	Q9TTY1

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SDS-PAGE

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