

Tissue Inhibitors Of Metalloproteinase 2 (TIMP2) Recombinant Protein | TIMP2 recombinant protein

Recombinant Tissue Inhibitors Of Metalloproteinase 2 (TIMP2)

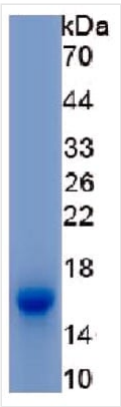
CATALOG # AAA134620	HOST E.coli	REACTIVITY Canis familiaris; Canine (Dog)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Tissue Inhibitors Of Metalloproteinase 2 (TIMP2); Recombinant Tissue Inhibitors Of Metalloproteinase 2 (TIMP2); TIMP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Canis familiaris; Canine (Dog)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Applicable Applications for TIMP2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	His33~Glu153
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	7.7
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree 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.



Sequence

HPQQAFCH ADVVIRAKAV
SVKEVDSGND IYGNPIKRIQ YEIKQIKMFK GPDKDIEFIY TAPSSAVCGV
SLDIGGKKEY LIAGKAEGNG KMHITLCDFI VPWDTLSSTQ KKSLEHRYQM
GCE

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	50978760
NCBI GeneID	403633
NCBI Accession #	NP_001003082.1
NCBI GenBank Nucleotide #	NM_001003082.1
UniProt Accession #	Q9TTY1; O77804; Q9TTE9
Molecular Weight	Predicted Molecular Mass: 14.7kDa Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	metalloproteinase inhibitor 2
NCBI Official Symbol	TIMP2
NCBI Protein Information	metalloproteinase inhibitor 2; TIMP-2; tissue inhibitor of metalloproteinase 2; tissue inhibitor of metalloproteinase-2; tissue inhibitor of metalloproteinases 2; tissue inhibitor of matrix metalloproteinase-2
UniProt Protein Name	Metalloproteinase inhibitor 2
UniProt Gene Name	TIMP2
UniProt Synonym Gene Names	TIMP-2
UniProt Entry Name	TIMP2_CANFA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.