

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

Eukaryotic Tissue Inhibitors Of Metalloproteinase 2 (TIMP2)

CATALOG # AAA147092	HOST 293F cell	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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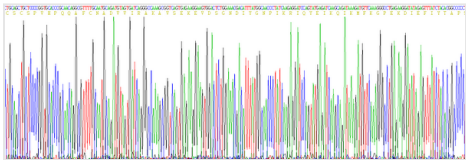
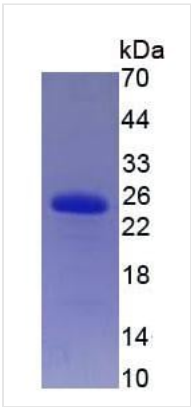
PRODUCT SYNONYMS

Tissue Inhibitors Of Metalloproteinase 2 (TIMP2); Eukaryotic Tissue Inhibitors Of Metalloproteinase 2 (TIMP2); TIMP2 protein

PRODUCT SPECIFICATIONS

Host	293F cell
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Applicable Applications for TIMP2 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Residues	Cys27~Pro220
Tags	N-terminal His Tag
Subcellular Location	Secreted
Usage	Reconstitute in ddH2O to a concentration of 0-0.2 mg/mL. Do not vortex.
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
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.

IMAGES



Gene Sequence
Gene Sequencing (extract

SDS-PAGE

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          CSCS PVHPQQAFCH ADVVIRAKAV
SEKEVDSQND IYGNPIKRIQ YEIKQIKMFK GPEKDIEFIY TAPSSAVCGV
SLDVGGKKEY LIAGKAEGDG KMHITLCDFI VPWDTLSTTQ KKSLSNRYQM
GCECKITRCP MIPCYISSPD ECLWMDWTE KNINGHQAKF FACIKRSDGS
CAWYRGAAPP KQEFLDIEDP

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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for TIMP2 protein Eukaryotic proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507511
NCBI GeneID	7077
NCBI Accession #	NP_003246.1
NCBI GenBank Nucleotide #	NP_003246.1
UniProt Accession #	P16035; Q16121; Q93006; Q9UDF7
Molecular Weight	Predicted Molecular Mass: 23.4kDa Accurate Molecular Mass: 23kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	metalloproteinase inhibitor 2
NCBI Official Synonym Full Names	TIMP metallopeptidase inhibitor 2
NCBI Official Symbol	TIMP2
NCBI Official Synonym Symbols	DDC8; CSC-21K
NCBI Protein Information	metalloproteinase inhibitor 2
UniProt Protein Name	Metalloproteinase inhibitor 2
UniProt Gene Name	TIMP2
UniProt Synonym Gene Names	TIMP-2

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.