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

Recombinant Tissue Inhibitors Of Metalloproteinase 2 (TIMP2)

CATALOG #	HOST	APPLICATIONS
AAA152286	**E Coli**	**Western Blot, SDS-Page**

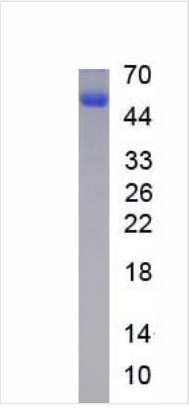
PRODUCT SYNONYMS

Tissue Inhibitors Of Metalloproteinase 2 (TIMP2); Recombinant Tissue Inhibitors Of Metalloproteinase 2 (TIMP2); TIMP2/Tissue Inhibitors Of Metalloproteinase 2; CSC-21K; TIMP Metallopeptidase Inhibitor 2; TIMP2 recombinant protein

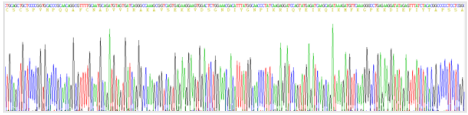
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Cys27~Pro2 20
Applicable Applications for TIMP2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	6.5
Tag	N-terminal His and GST Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



SDS-PAGE
SDS-PAGE



Gene Sequence
Gene Sequencing (extract

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                                CSCS PVHPQQAFCN ADVVIRAKAV
SEKEVDSGND IYGNPIKRIQ YEIKQIKMFK GPEKDIEFIY TAPSSAVCGV
SLDVGGKKEY LIAGKAEGDG KMHITLCDFI VPWDTLSTTQ KKSLNHRYQM
GCECKITRCP MIPCYISSPD ECLWMDWVTE KNINGHQAKF FACIKRSDGS
CAWYRGAAPP KQEFLDIEDP
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for TIMP2 recombinant protein	Tumor immunity; Prokaryotic Recombinant proteins/RP

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507511
NCBI GeneID	7077
NCBI Accession #	NP_003246.1
NCBI GenBank Nucleotide #	NM_003255.4
UniProt Accession #	P16035; Q16121; Q93006; Q9UDF7; Q96MC4
Molecular Weight	24,399 Da
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; TIMP-2; tissue inhibitor of metalloproteinase 2; tissue inhibitor of metalloproteinases 2
UniProt Protein Name	Metalloproteinase inhibitor 2
UniProt Gene Name	**TIMP2**
UniProt Synonym Gene Names	TIMP-2
UniProt Entry Name	TIMP2_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/timp2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152286