

Recombinant human TIMP-2 protein

Catalog Number: ATGP3301

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

27-220aa

UniProt No.

P16035

NCBI Accession No.

NP_003246

Alternative Names

TIMP2, CSC-21K, DDC8

PRODUCT SPECIFICATION

Molecular Weight

22.5 kDa (200aa)

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

TIMP2, also known as metalloproteinase inhibitor 2, belongs to the tissue inhibitors of metalloproteinases family. The TIMP family inhibit most MMPs by forming non-covalent binary complex. TIMP2 plays a unique role among TIMP family members owing to its functions to regulate cellular responses to growth factors. Recombinant human TIMP2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional

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chromatography techniques.

Amino acid Sequence

CSCSPVHPQQ AFCNADVIR AKAVSEKEVD SGNDIYGNI KRIQYEIKQI KMFKGPEKDI EFIYTAPSSA VCGVSLDVGG
KKEYLIAGKA EGDGKMHTL CDFIVPWDTL STTQKKSLNH RYQMGCECKI TRCPMIPCYI SSPDECLWMD WVTEKNINGH
QAKFFACIKR SDGSCAWYRG AAPPKQEFLD IEDPHHHHHH

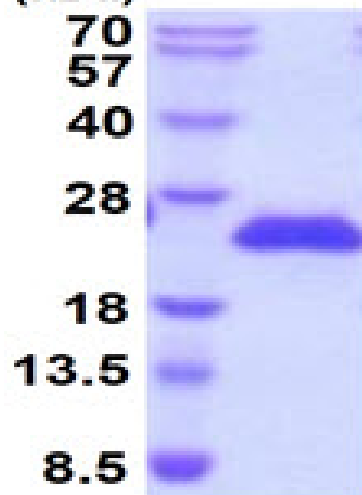
General References

Stetler-Stevenson WG and Seo DW. (2005) Trends Mol Med 11:97-103.
Seo DW., et al. (2003) Cell 114:171-180.

DATA

SDS-PAGE

(kDa)



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)