

#### Recombinant Human Tissue Inhibitors Of Metalloproteinase 2 (TIMP2)

Catalog No.: TP04221 100µg

#### **Sequence Information**

Species: Human Swiss Prot:P16035 Gene ID:7077

Synonyms: TIMP metallopeptidase inhibitor 2,

CSC-21K, CSC21K

Residues:Cys27~Pro220 CSCSPVHPQQAFCNADVVIRAKAVSEKEVDSGNDIYGNPIKRIQYEIKQIKMFK GPEKDIEFIYTAPSSAVCGVSLDVGGKKEYLIAGKAEGDGKMHITLCDFIVPWD TLSTTQKKSLNHRYQMGCECKITRCPMIPCYISSPDECLWMDWVTEKNINGHQA KFFACIKRSDGSCAWYRGAAPPKOEFLDIEDP **Product Information** Source: Recombinant expression. Host: E.coli Tags: N-terminal His and GST Tag Subcellular Location: Secreted **Purity: >90%** Traits: Freeze-dried powder Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300 Original Concentration: 200µg/mL Applications: Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.) Predicted isoelectric point: 6.5 Predicted Molecular Mass: 51.8kDa Accurate Molecular Mass: 53kDa as determined by SDS-PAGE reducing conditions.

# [ <u>USAGE</u> ]

Reconstitute in  $ddH_2O$  to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°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°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.

## [IDENTIFICATION]

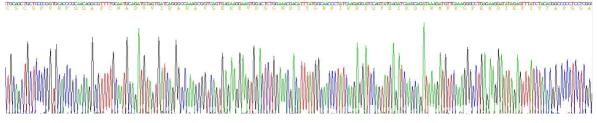
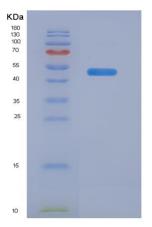


Figure 1. Gene Sequencing (Extract)



#### Figure 2. SDS-PAGE

## [ IMPORTANT NOTE ]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.