

RPA129Mu01 10µg

Recombinant Tissue Inhibitors Of Metalloproteinase 3 (TIMP3)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Gly20~Pro211

Tags: N-terminal His Tag

Subcellular Location: Secreted, Extracellular matrix

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.

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: 9.0

Predicted Molecular Mass: 23.3kDa

Accurate Molecular Mass: 22/28kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O 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.

[SEQUENCE]

G A E A C T C S P S H P Q D A F C N S D I V I R A K V V G K K
L V K E G P F G T L V Y T I K Q M K M Y R G F S K M P H V Q Y I H T E A S E S L C G L K L E V N K Y
Q Y L L T G R V Y E G K M Y T G L C N F V E R W D H L T L S Q R K G L N Y R Y H L G C N C K I K S C
Y Y L P C F V T S K N E C L W T D M L S N F G Y P G Y Q S K H Y A C I R Q K G G Y C S W Y R G W A P
P D K S I S N A T D P

[IDENTIFICATION]

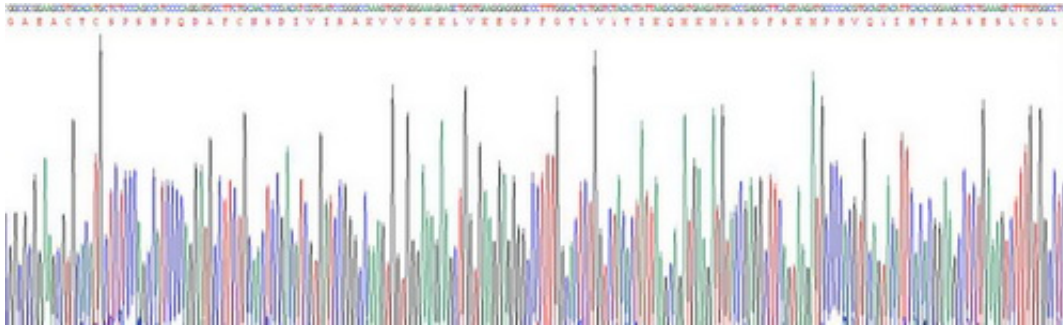


Figure. Gene Sequencing (Extract)

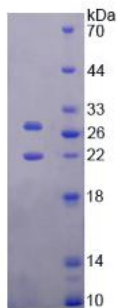


Figure. SDS-PAGE

[IMPORTANT NOTE]

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