

RPA099Hu01 10µg

**Recombinant Matrix Metalloproteinase 13 (MMP13)** 

Organism Species: Homo sapiens (Human)

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: Glu103~Leu290

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: 500µg/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: 5.7

Predicted Molecular Mass: 22.3kDa

**Accurate Molecular Mass:** 25kDa as determined by SDS-PAGE reducing conditions.

#### [USAGE]

Reconstitute in ddH<sub>2</sub>O to a concentration less than or equal to 0.1mg/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 ]

EYNVFPRT LKWSKMNLTY RIVNYTPDMT HSEVEKAFKK AFKVWSDVTP LNFTRLHDGI ADIMISFGIK EHGDFYPFDG PSGLLAHAFP PGPNYGGDAH FDDDETWTSS SKGYNLFLVA AHEFGHSLGL DHSKDPGALM FPIYTYTGKS HFMLPDDDVQ GIQSLYGPGD EDPNPKHPKT PDKCDPSLSL

### [ IDENTIFICATION ]

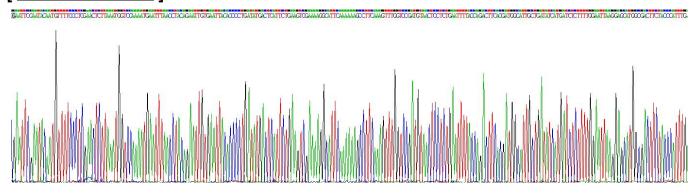


Figure . Gene Sequencing (extract)

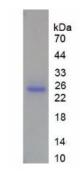


Figure. SDS-PAGE

### [ 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.