

RPA402Ra04 100ug Recombinant Matrix Metalloproteinase 12 (MMP12) Organism Species: *Rattus norvegicus (Rat) Instruction manual* 

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

# Coud-Clone Corp.

## [ PROPERTIES ] Source: Prokaryotic expression Host: *E.coli* Residues: Tyr372~His463 (Accession # NM\_053963.2) Tags: N-terminal His Tag Subcellular Location: Secreted Purity: > 90% Traits: Freeze-dried powder Buffer formulation: PBS, pH7.4, 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: 9.13 Predicted Molecular Mass: 12.3kDa

Accurate Molecular Mass: 14kDa as determined by SDS-PAGE reducing conditions.

#### [ <u>USAGE</u> ]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 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.

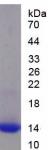
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

#### [SEQUENCE]

YPRSIHSLGFPASVKKIDAAVFDPLRQKVYFFVDKQYWRYDVRQELMDAAYPKLI STHFPGIRPKIDAVLYFKRHYYIFQGAYQLEYDPLLH



### [IDENTIFICATION]



#### [<u>IMPORTANT NOTE</u>]

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.