

RPA100Hu02 5µg

Recombinant Matrix Metalloproteinase 2 (MMP2)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Tyr110~Cys660

Tags: N-terminal His Tag

Subcellular Location: Membrane, Nucleus, Extracellular matrix

Purity: > 97%

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: 5.2

Predicted Molecular Mass: 63.3kDa

Accurate Molecular Mass: 63kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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]

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      Y NFFPRKPKWD  KNQITYRIIG  YTPDLDPETV  DDAFARAFQV
WSDVTPLRFS  RIHDGEADIM  INFGRWEHGD  GYPFDGKDGL  LAHAFAPGTG
VGGDSHFDDD  ELWTLGEGQV  VRVKYGNADG  EYCKFPFLFN  GKEYNSCTDT
GRSDGFLWCS  TTYNFEKDGK  YGFCPHEALF  TMGGNAEQQP  CKFPFRFQGT
SYDSCTTEGR  TDGYRWC GTT  EDYDRDKKYG  FCPETAMSTV  GGNSEGAPCV
FPFTFLGNKY  ESCTSAGRSD  GKMWCATTAN  YDDDRKWGFC  PDQGYSFLV
AAHEFGHAMG  LEHSQDPGAL  MAPIYTYTKN  FRLSQDDIKG  IQELYGASPD
IDLGTGPTPT  LGPVTPEICK  QDIVFDGIAQ  IRGEIFFFKD  RFIWRTVTPR
DKPMGPLLVA  TFWEPEPEKI  DAVYEAPQEE  KAVFFAGNEY  WIYSASTLER
GYPKPLTSLG  LPPDVQRVDA  AFNWSKNKKT  YIFAGDKFWR  YNEVKKKMDP
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GSIKSDWLGC
    
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[IDENTIFICATION]

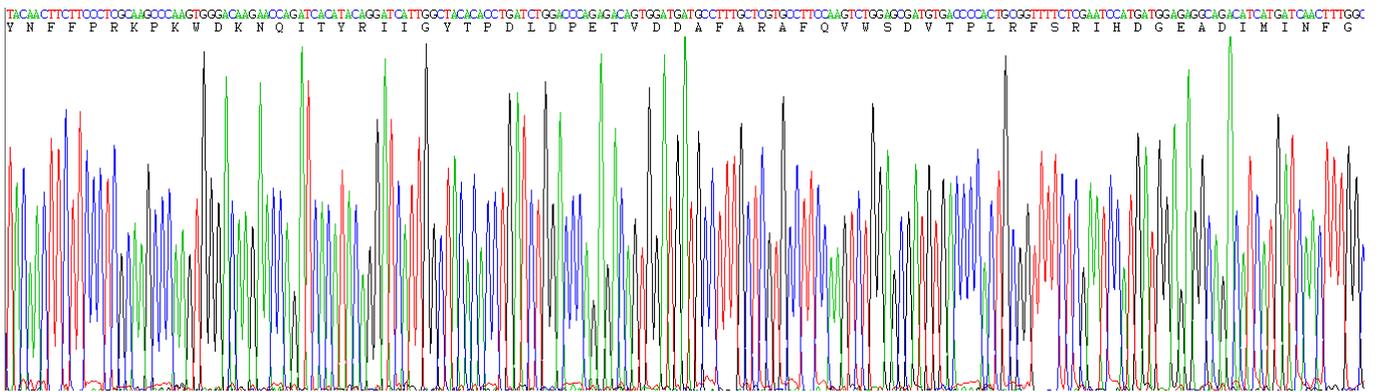
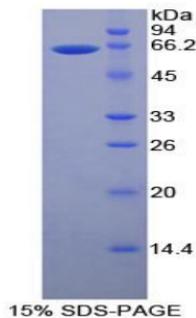


Figure. Gene Sequencing (Extract)



[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.