

RPA103Hu01 10µg
Recombinant Matrix Metalloproteinase 8 (MMP8)
Organism Species: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Leu101~Gly467

Tags: N-terminal His-Tag

Tissue Specificity: Lung.

Subcellular Location: Cytoplasmic granule, Secreted, extracellular space, extracellular matrix.

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.8

Predicted Molecular Mass: 43.2kDa

Accurate Molecular Mass: 43kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 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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LTPGNPKWER  TNLTYRIRNY  TPQLSEAEVE  RAIKDAFELW  SVASPLIFTR
ISQGEADINI  AFYQRDHGDN  SPFDGPNLIL  AHAFQPGQGI  GGDHAFDAEE
TWTNTSANYN  LFLVAAHEFG  HSLGLAHSSD  PGALMYPNYA  FRETSNYSLP
QDDIDGIQAI  YGLSSNPIQP  TGPSTPKPCD  PSLTFDAITT  LRGEILFFKD
RYFWRRHPQL  QRVEMNFISL  FWPSLPTGIQ  AAYEDFDRDL  IFLFKGNQYW
ALSGYDILQG  YPKDISNYGF  PSSVQAIDAA  VFYRSKTYFF  VNDQFWRYDN
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RVTRVARGNK  WLNCRYG
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[IDENTIFICATION]

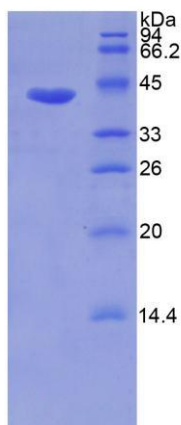


Figure 1. SDS-PAGE