RPA211Ra01 10μg

Recombinant Matrix Metalloproteinase 23A (MMP23A)

Organism Species: *Rattus norvegicus (Rat)*

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: Ser71~Tyr383

Tags: N-terminal His Tag

Subcellular Location: Endoplasmic reticulum lumen, Exosome

Purity: > 90%

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: 9.6

Predicted Molecular Mass: 39.9kDa

Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC 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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                        SMLVTRRRRY TLTPARLRWD HFNLTYRILS
FPRNLLSPEE TRRGLAAAFR MWSDVSPFSF REVAPERPSD LKIGFYPVNH
TDCLVSALHH CFDGPTGELA HAFFPPHGGI HFDDSEYWVL GPTRYSWKKG
VWLTDLVHVA AHEIGHALGL MHSQQDQALM HLNATLRGWK ALSQDELWGL
HRLYGCLDRI FVCTSWARKG FCDVRQRLMK RLCPRSCDFC YEFPFPTVAT
TTSPTRTKTR FVREGRNMTF HCGQKILHKK GKVYWYKDQE PLEFSYPGYL
ALGEARLSII ANAVNEGTYT CVVRHRQRVL TTY
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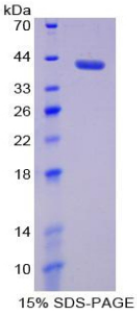
[IDENTIFICATION]



[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.