

Recombinant Matrix Metalloproteinase 23A (MMP23A) Instruction Manual

SIPA706Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Endoplasmic reticulum lumen, Exosome
Predicted Molecular Mass	39.9kDa
Accurate Molecular Mass	40kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser71~Tyr383 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	9.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                SMLVTRRRRY TLTPARLRWD HFNLTYRILS  
FPRNLLSPEE TRRGLAAAFR MWSDVSPFSF REVAPERPSD LKIGFYVPVNH  
TDCLVSALHH CFDGPTGELA HAFFPPHGGI HFDDSEYWVL GPTRYSNKKG  
VWLTDLVHVA AHEIGHALGL MHSQQDQALM HLNATLRGWK ALSQDELWGL  
HRLYGCLDRI FVCTSWARKG FCDVRQRLMK RLCPRSCDFC YEFPPFTVAT  
TTSPTRTKTR FVREGRNMTF HCGQKILHKK GKVYWKDQE PLEFSYPGYL  
ALGEARLSII ANAVNEGTYT CVVRHRQRVL TTY
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USAGE

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

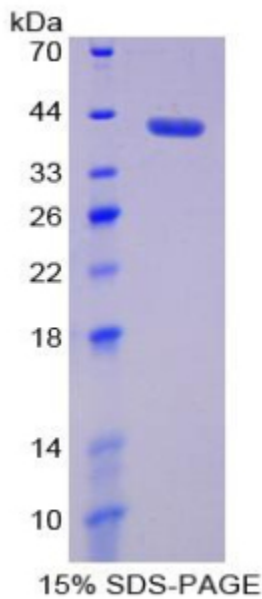
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



SDS-PAGE Image

[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.