

RPA101Bo01 200µg

Recombinant Matrix Metalloproteinase 3 (MMP3)

Organism Species: *Bos taurus*; Bovine (Cattle)

Instruction manual

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

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Tyr18~Cys477

Tags: N-terminal His Tag

Subcellular Location: Secreted, Extracellular matrix

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM DTT, 0.01% SKL, 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: 5.3

Predicted Molecular Mass: 56.3kDa

Accurate Molecular Mass: 56kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) 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.

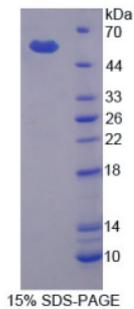
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date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

[SEQUENCE]

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                YPL DRAARDKEDT MELVQQYLEN YYNLAKDTKQ FVRRKDSSPV
VQKIQEMQKF LGLEVTGKLD SDTLEVIRKP RCGIPDVGFF STFPGSPKWR KTHLYRIVN
YTKDLPRDAV DSAIEKALTV WEEATPLTFS RIYEGEADIM IIFAIREHGD FLPGDGPVKV
LAHAYPPGSG FYGDAHFDSD EQWTKDTSGL NLFVAAHEL GHSLGLQHST EREALMYPVY
DPRTDLTRFR LSQDDVDGIQ FLYGSPVSP NDPVVPTESV PPEPGTPAAC DPALSFDAVS
TLRGEILFFK GRHFWRKFSR TFEPEFHLIS SFWPSLPSGI DAAYEVTSKD TVFIFKGNQF
WAIRGNEMQA GYPRGIHTLG FPSTVRKIDA AFSDKEKKKT YFFAEDKYWR FDEKRQSMEP
GFPKQIVEDF PGVESEVDAV FEVFGFYFF SGSSQFEFDP NAKKVTHVLK SNSWLNC
    
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[IDENTIFICATION]



[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.