

RPA097Bo01 50µg

Recombinant Matrix Metalloproteinase 1 (MMP1)

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

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: Phe19~Asn469

Tags: N-terminal His Tag

Subcellular Location: Secreted, Extracellular matrix

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, 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: 5.8

Predicted Molecular Mass: 55.1kDa

Accurate Molecular Mass: 55kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O 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.

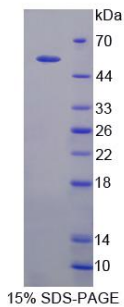
Aliquot and store at -80°C for 12 months.

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]

		FP	AATSETQEQD	VETVKKYLEN	YYNLNSNGKK
VERQRNGGLI	TEKLGKMQKF	FGLRVTGKPD	AETLNVMKQP	RCGVPDVAPF	
VLTPGKSCWE	NTNLTYRIEN	YTPDLRADV	DQAIEKAFQL	WSNVTPLTFT	
KVSEGQADIM	ISFVRGDHRD	NSPFDGPGGN	LAHAFQPGAG	IGGDAHFD	
EWWTSNFQDY	NLYRVAHEF	GHSLGLAHST	DIGALMYP	TFSGDVQLSQ	
DDIDGIQAIY	GPSQNPTQPV	GPQTPEVCDS	KLTFDAITTI	RGEVMFFKDR	
FYMRTNPLYP	EVELNFISVF	WPQLPGLQA	AYEVADRDEV	RFFKGNKYWA	
VKGQDVLRGY	PRDIYRSFGF	PRTVKSIDAA	VSEEDTGKTY	FFVANKCWRY	
DEYKQSMDAG	YPKMIAEDFP	GIGNKVDVAVF	QKGGFFYFFH	GRRQYKFD	
TKRILTLLKA	NSWFNCRKN				

[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.