YBA097Bo01 100μg

Recombinant Matrix Metalloproteinase 1 (MMP1)

Organism Species: Bos taurus; Bovine (Cattle)

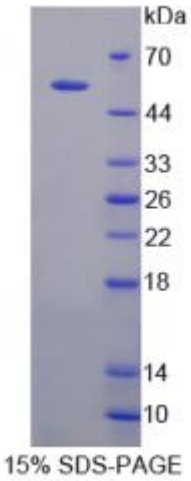
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]



15% SDS-PAGE

Residues: Phe19~Asn469

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: P28053

Host: *E. coli*

Subcellular Location: Secreted, extracellular space, extracellular matrix.

Purity: >90%

Endotoxin Level: <1.0EU per 1μg (determined by the LAL method).

Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 5.8

Predicted Molecular Mass: 55.1kDa

Applications: SDS-PAGE; WB; ELISA; IP.

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

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8^{O}C for one month.

Aliquot and store at -80^{O}C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37^{O}C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

FP AAT S E T Q E Q D VE TV K K Y LE N YY N LN S N G K K VE R Q R N G G L I TE K L K Q MQ K F FGLRVTGKPD AETLNVMKQP RCGVPDVAPF VLTPGKSCWE NTNLTYRIEN YTPDLSRADV DQAIEKAFQL WSNVTPLTFT KVSEGQADIM ISFVRGDHRD NSPFDGPGGN LAHAFQPGAG IGGDAHFDDD EWWTSNFQDY NLYRVAAHEF GHSLGLAHST DIGALMYPSY TFSGDVQLSQ DDIDGIQAIY GPSQNPTQPV GPQTPEVCDS KLTFDAITTI RGEVMFFKDR FYMRTNPLYP EVELNFISVF WPQLPNGLQA AYEVADRDEV RFFKGNKYWA VKGQDVLRGY PRDIYRSFGF PRTVKSIDAA VSEEDTGKTY FFVANKCWRY DEYKQSMDAG YPKMIAEDFP GIGNKVDAVF QKGGFFYFFH GRRQYKFDPQ TKRILTLLKA NSWFNCRKN