YBA103Hu01 10μg

Recombinant Matrix Metalloproteinase 8 (MMP8)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Prokaryotic expression.
Host: *E. coli*
Residues: Leu101~Gly467
Tags: N-terminal His-Tag
Tissue Specificity: Lung.
Subcellular Location: Cytoplasmic granule, Secreted, extracellular space, extracellular matrix.
Purity: >98%
Traits: Freeze-dried powder
Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Original Concentration: 200ug/mL
Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
(May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point: 5.8
Predicted Molecular Mass: 43.2kDa
Accurate Molecular Mass: 43kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) 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]

LTPGNPKWER TNLTYRIRNY TPQLSEAEVE RAIKDAFELW SVASPLIFTR
ISQGEADINI AFYQRDHGDN SPFDGPNGIL AHAFQPGQGI GGDAHFDAEE
TWTNTSANYN LFLVAAHEFG HSLGLAHSSD PGALMYPNYA FRETSNYSLP
QDDIDGIQAI YGLSSNPIQP TGPSTPKPCD PSLTFDAITT LRGEILFFKD
RYFWRRHPQL QRVEMNFISL FWPSLPTGIQ AAYEDFDRDL IFLFKGNQYW
ALSGYDILQG YPKDISNYGF PSSVQAIDAA VFYRSKTYFF VNDQFWRYDN
QRQFMEPGYP KSISGAFPGI ESKVDAVFQQ EHFFHVFSGP RYYAFDLIAQ
RVTRVARGNK WLNCRYG

[IDENTIFICATION]

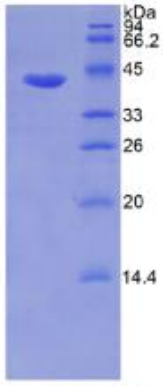

Figure 1. SDS-PAGE