# Recombinant Matrix Metalloproteinase 10 (MMP10) Instruction Manual

## SIPA494Mu01

#### Mus musculus (Mouse)

**Source** Prokaryotic expression

Host E.coli

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

**Subcellular Location** Secreted, Extracellular matrix

**Predicted Molecular Mass** 39.7kDa

Accurate Molecular Mass 40kDa(Analysis of differences refer to the manual)

**Residues & Tags** Glu154~Ser472 with N-terminal His Tag

Buffer Formulation 100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01%

SKL, 5% Trehalose.

**Traits** Freeze-dried powder

Purity > 97% Isoelectric Point 5.7

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

## **SEQUENCE**

EGEADIM ISFAVGEHGD FYPFDGPGQS LAHAYPPGPG FYGDVHFDDD EKWTLAPSGT NLFLVAAHEL GHSLGLFHSD KKESLMYPVY RFSTSPANFH LSQDDIEGIQ SLYGAGPSSD ATVVPVLSVS PRPETPDKCD PALSFDSVST LRGEVLFFKD RYFWRRSHWN PEPEFHLISA FWPTLPSDLD AAYEAHNTDS VLIFKGSQFW AVRGNEVQAG YPKGIHTLGF PPTVKKIDAA VFEKEKKKTY FFVGDKYWRF DETRHVMDKG FPRQITDDFP GIEPQVDAVL HEFGFFYFFR GSSOFEFDPN ARTVTHILKS NS

#### **USAGE**

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### **STORAGE**

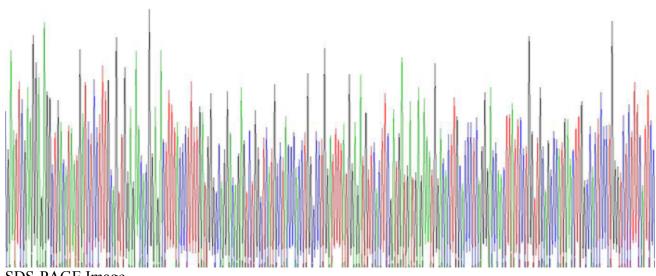
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## **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**

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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.