SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Matrix Metalloproteinase 10 (MMP10)

Catalog Number: SIPA494Hu01 **Spec: 10ug**

Product Name	Recombinant Matrix Metalloproteinase 10 (MMP10)
Catalog Number	SIPA494Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Phe99~Cys476
Tags	N-terminal His Tag
Subcellular Location	Secreted
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Original Concentration	100μg/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	5.5
Predicted Molecular Mass	44.3kDa
Accurate Molecular Mass	44kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

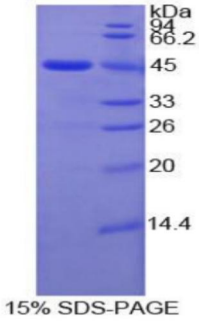
SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

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]

FS
SFPGMPKWRK THLTYRIVNY TPDLPRDAVD SAIEKALKVW EEVTPLTFSR
LYEGEADIMI SFAVKEHGDF YSFDGPGHSL AHAYPPGPGL YGDIHFDDDE
KWTEDASGTN LFLVAAHELG HSLGLFHSAN TEALMYPLYN SFTELAQFRL
SQDDVNGIQS LYGPPPASTE EPLVPTKSVP SGSEMPAKCD PALSFDAIST
LRGEYLFFKD RYFWRRSHWN PEPEFHLISA FWPSLPSYLD AAYEVNSRDT
VFIFKGNEFW AIRGNEVQAG YPRGIHTLGF PPTIRKIDAA VSDKEKKKTY
FFAADKYWRF DENSQSMEQG FPRLIADDFP GVEPKVDAVL QAFGFFYFFS
GSSQFEFDPN ARMVTHILKS NSWLHC

[IDENTIFICATION]



15% SDS-PAGE

[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.