

# Recombinant Matrix Metalloproteinase 10 (MMP10) Instruction Manual

## SIPA494Mu01

### Mus musculus (Mouse)

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Secreted, Extracellular matrix
<b>Predicted Molecular Mass</b>	39.7kDa
<b>Accurate Molecular Mass</b>	40kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Glu154~Ser472 with N-terminal His Tag
<b>Buffer Formulation</b>	100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	5.7
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

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EGEADIM ISFAVGEHGD FYPFDGPGQS LAHAYPPGPG FYGDVHFDDD  
EKWTLAPSGT NLFLVAAHEL GHSLGLFHSD KKESLMYPVY RFSTSPANFH  
LSQDDIEGIQ SLYGAGPSSD ATVVPVLSVS PRPETPKCD PALSFDSVST  
LRGEVLFFKD RYFWRRSHWN PEPEFLISA FWPTLPSDLD AAYEAHNTDS  
VLIFKGSQFW AVRGNEVQAG YPKGIHTLGF PPTVKKIDAA VFEKEKKKTY  
FFVGDKYWRF DETRHVMDKG FPRQITDDFP GIEPQVDAVL HEFGFFYFFR  
GSSQFEFDPN ARTVTHILKS NS
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### USAGE

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

