

Recombinant Matrix Metalloproteinase 3 (MMP3) Instruction Manual

SIPA607Mu01

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	46.3kDa
Accurate Molecular Mass	46kDa(Analysis of differences refer to the manual)
Residues & Tags	Phe100~Cys477 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

STFPGSPKWR KSHITYRIVN YTPDLPRQSV DSAIEKALKV WEEVTPLTFS F
RISEGEADIM ISFAVGEHGD FVPFDGPGTV LAHAYAPGPG INGDAHFD
ERWTEVDVTGT NLFLVAAHEL GHSLGLYHSA KAEALMYPVY KSSTDL
LSQDDVDGIQ SLYGTPTASP DVLVVPTKSN SLEPETSPMC SSTLFFDA
TLRGEVLFFK DRHFWRKSLR TPEPEFY LIS SFWPSLPSNM DAAEVTNR
TVFIFKGNQF WAIRGHEELA GYPKSIHTLG LPATVKKIDA AISNKEKRKT
YFFVEDKYWR FDEKKQSM EP GFPRKIAEDF PGVDSRVD AV FEA
SGSSQLEFDP NAKKVTHILK SNSWFNC

USAGE

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

STORAGE

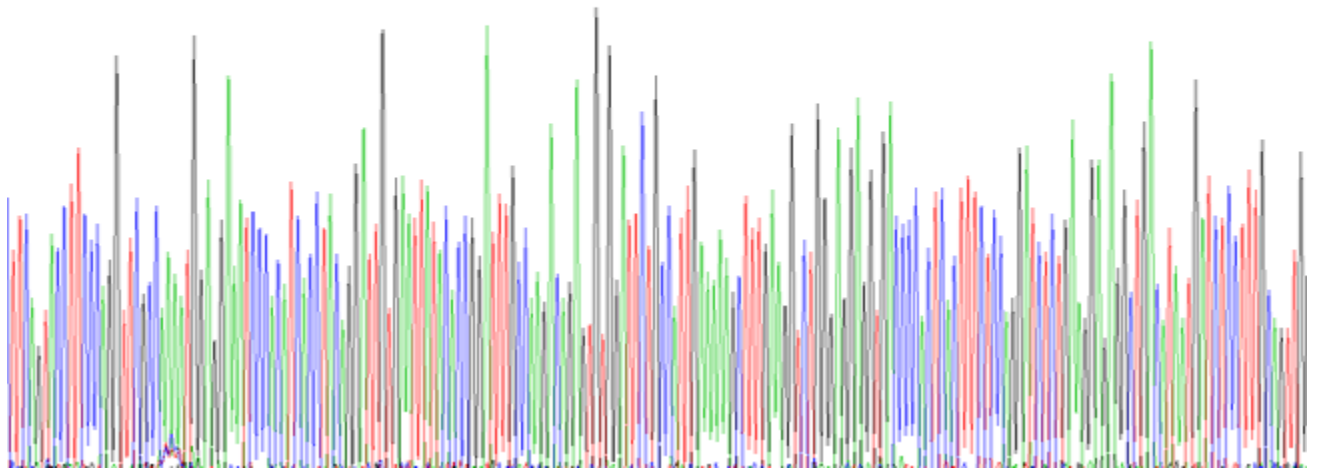
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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

.TTCTATCCCTCCGAGTTCCGCGTGGAGGATCCAGCTGTCATTATGACGGGATTTCCGAGGACAGCTGGATTCGCGATTGAAAGCTTTGAGGCTCCGAGGAGCTGACCCCTCATCTTCCCGGATCTCTGAGGAGAGGCTGACATAGATCTCTTTGCGGTTG
FSTFPGSPKVRKSHITYRIYNTTPDLPRQSVDSATEKALKVVEEVTPITFSRISEGEADIIWISFVVG



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.

