

Eukaryotic Matrix Metalloproteinase 3 (MMP3) Instruction Manual

SFPA607Hu62

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Subcellular Location	Extracellular matrix
Predicted Molecular Mass	53.8kDa
Accurate Molecular Mass	56/58kDa(Analysis of differences refer to the manual)
Residues & Tags	Tyr18~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	> 95%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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YPL DGAARGEDTS MNLVQKYLEN YYDLKKDVKQ
FVRRKDSGPV VKKIREMQKF LGLEVTGKLD SDTLEVMRKP RCGVPDVGHF
RTFPGIPKWR KTHLTYRIVN YTPDLPKDAV DSAVEKALKV WEEVTPLTFS
RLYEAGEADIM ISFAVREHGD FYPFDGPGNV LAHAYAPGPG INGDAHFDDE
EQWTKDITGT NLFVAAHEI GHSLGLFHSN NTEALMYPLY HSLDITRFR
LSQDDINGIQ SLYGPPPDSP ETPLVPTPEV PPEPGTPANC DPALSFDAVS
TLRGEILIFK DRHFWRKSLR KLEPELHLIS SFWPSLPSGV DAAEYVTSKD
LVFIFKGNQF WAIRGNEVRA GYPRGIHTLG FPPTVRKIDA AISDKEKNKT
YFFVEDKYWR FDEKRNSMEP GFPKQIAEDF PGIDSKIDAV FEEFGFFYFF
TGSSQLEFDP NAKKVTHTLK SNSWLNC
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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

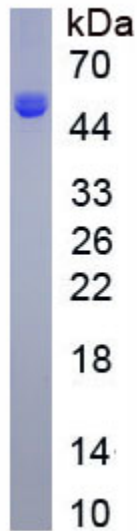


Figure. SDS-PAGE

[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.