

EPA101Hu62 100µg
Eukaryotic Matrix Metalloproteinase 3 (MMP3)
Organism Species: *Homo sapiens* (Human)
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Eukaryotic expression

Host: 293F cell

Residues: Tyr18~Cys477

Tags: N-terminal His Tag

Subcellular Location: Extracellular matrix

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 200µg/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: 5.9

Predicted Molecular Mass: 53.8kDa

Accurate Molecular Mass: 56/58kDa 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 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[SEQUENCE]

YPL DGAARGEDTS MNLVQKYLEN YYDLKKDVKQ
 FVRRKDSGPV VKKIREMQKF LGLEVTGKLD SDTLEV MRKP RCGVPDVGHF
 RTFPGIPKWR KTHLYRIVN YTPDLPKDAV DSAVEKALKV WEEVTPLTFS
 RLYEGEADIM ISFAVREHGD FYPFDGPGNV LAHAYAPGPG INGDAHFD DD
 EQWTKD TTGT NLFLVAAHEI GHSLGLFHSA NTEALMYPLY HSLTDLTRFR
 LSQDDINGIQ SLYGPPPDSP ETPLVPTEPV PPEPGTPANC DPALSFDAVS
 TLRGEILIFK DRHFWRKSLR KLEPELHLIS SFWPSLPSGV DAAYEVTSKD
 LVFIFKGNQF WAIRGNEVRA GYPRGIHTLG FPPTVRKIDA AISDKEKNKT
 YFFVEDKYWR FDEKRNSMEP GFPKQIAEDF PGIDSKIDAV FEEFGFFYFF
 TGSSQLEFDP NAKKVTHTLK SNSWLNC

[IDENTIFICATION]

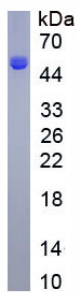


Figure. SDS-PAGE

[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.