

Eukaryotic Matrix Metalloproteinase 2 (MMP2) Instruction Manual

SFPA067Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F Cell
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Membrane, Nucleus
Predicted Molecular Mass	72.6kDa
Accurate Molecular Mass	75kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala30~Cys660 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

A PSPIIKFPGD VAPKTDKELA
VQYLNTFYGC PKESCNLFVL KDTLKKMQKF FGLPQTGDLQ QNTIETMRKP
RCGNPDVANY NFFPRPKPWD KNQITYRIIG YTPDLDPETV DDAFARAFQV
WSDVTPLRFS RIHDGEADIM INFGRWEHGD GYPFDGKDGL LAHAFAPGTG
VGGDSHFDDD ELWTLGEGQV VRVKYGNADG EYCKFPFLFN GKEYNSCTDT
GRSDGFLWCS TTYNFEKDGK YGFCPHEALF TMGGNAEGQP CKFPFRFQGT
SYDSCTTEGR TDGYRWCGTT EDYDRDKKYG FCPETAMSTV GGNSEGAPCV
FPFTFLGNKY ESCTSAGRSD GKMWCAATTAN YDDDRKWGFC PDQGYSLFLV
AAHEFGHAMG LEHSQDPGAL MAPIYYTAKN FRLSQDDIKG IQELYGASPD
IDLGTGPTPT LGPVTPPEICK QDIVFDGIAQ IRGEIFFFKD RFIWRTVTPR
DKPMGPPLLVA TFWPELPEKI DAVYEAPQEE KAVFFAGNEY WIYSASTLER
GYPKPLTSLG LPPDVQRVDA AFNWSKNKKT YIFAGDKFWR YNEVKKKMDP
GFPKLIADAW NAIPDNLDAT VDLQGGGHSY FFKGAYYLKL ENQLSKSVKF
GSIKSDWLGC

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.5 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

IPSPPIIKFPGDVAPKTDKEIAYQYLNTFYGCPKESCHIFVIKDTIKKWQKFFGLPQTGDLDDQNTIEWRKPRCGHPDVTANTNF

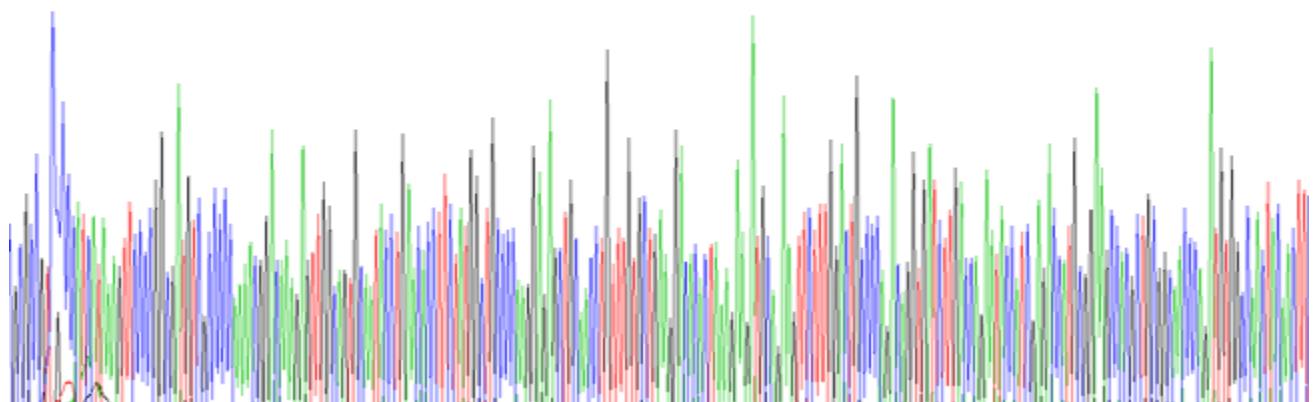


Figure. SDS-PAGE

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.

