

Eukaryotic Matrix Metalloproteinase 1 (MMP1) Instruction Manual

SFPA606Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	CHO Cell
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Subcellular Location	Extracellular matrix
Predicted Molecular Mass	53.5kDa
Accurate Molecular Mass	58&62kDa(Analysis of differences refer to the manual)
Residues & Tags	Phe20~Asn469 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	6.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
          F PATLETQEQD VDLVQKYLEK YYNLKNDGRQ
VEKRRNSGPV VEKLRKQMQEF FGLKVTGKPD AETLKVMKQP RCGVPDVAQF
VLTEGNPRWE QTHLTYRIEN YTPDLPRADV DHAIEKAFQL WSNVTPLTFT
KVSEGGADIM ISFVRGDHRD NSPFDGPGGN LAHAFQPGPG IGGDAHDFED
ERWTNNFREY NLHRVAAHEL GHSLGLSHST DIGALMYPSTY TFSGDVQLAQ
DDIDGIQAIY GRSQNPVQPI GPQTPKACDS KLTFDAITTI RGEVMFFKDR
FYMRTNPFYP EVELNFISVF WPQLPNGLEA AYEAFADRDEV RFFKGNKYWA
VQGQNVLHGY PKDIYSSFGF PRTVKHIDAA LSEENTGKTY FVANKYWRV
DEYKRSMDPG YPKMIAHDFP GIGHKVDVAV MKDGFYFFH GTRQYKFDPK
TKRILTLQKA NSWFNCRKN
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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

TTTCTGGCTCTGGAGGGGAGGAGTGCGATGCTGGGAAGCTGAAATCTGGCTTGAAGATGCGAGCTGAAAGCGAGTGTGTCGCGATGCTGAAATGAAGGATCGAATTTTGGCTGAAAGCGAGCTGGAGTAGAGGCTGAAAGCGAGTGGAGTGGCTGGTT
FPATLETQEQQDVLVQKYLEKYYNLKNDGRQVEKRNRNSGPPVVEKLKQMQEFFGLKVTGHPDAETLKVKKQPRCGVPDV

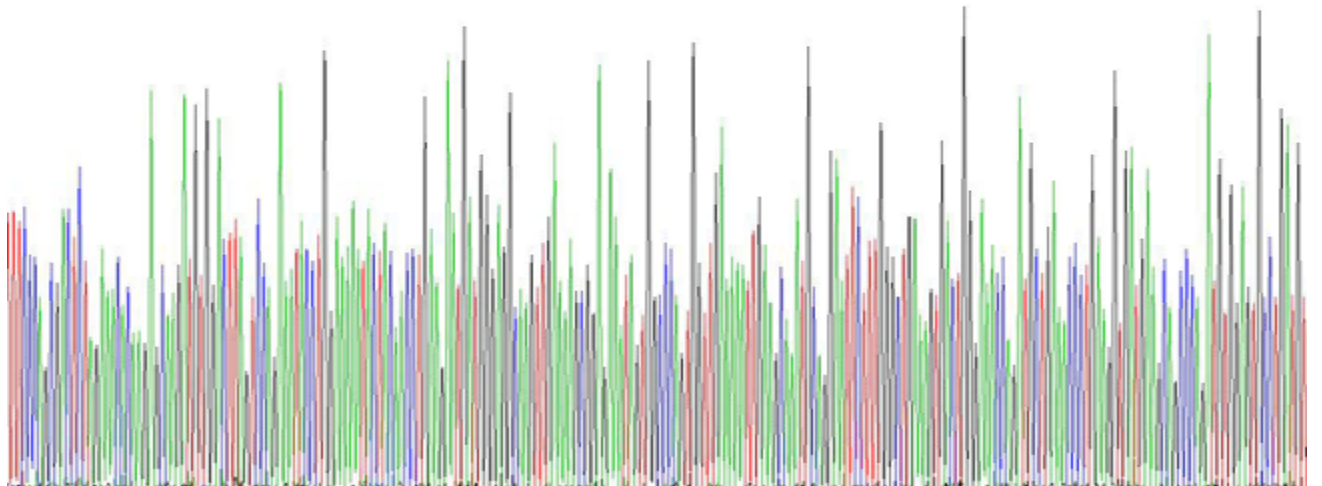


Figure. SDS-PAGE

[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.