Recombinant Matrix Metalloproteinase 3 (MMP3) Instruction Manual

SIPA607Hu04

Homo sapiens (Human)

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 55.9kDa

Accurate Molecular Mass 56kDa(Analysis of differences refer to the manual)

Residues & TagsTyr18~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 > 90% Isoelectric Point 5.9

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

	YPL	DGAARGEDTS	MNLVQKYLEN	YYDLKKDVKQ	
FVRRKDSGPV	VKKIREMQKF	LGLEVTGKLD	SDTLEVMRKP	RCGVPDVGHF	
RTFPGIPKWR	KTHLTYRIVN	YTPDLPKDAV	DSAVEKALKV	WEEVTPLTFS	
RLYEGEADIM	ISFAVREHGD	FYPFDGPGNV	LAHAYAPGPG	INGDAHFDDD	
EQWTKDTTGT	NLFLVAAHEI	GHSLGLFHSA	NTEALMYPLY	HSLTDLTRFR	
LSQDDINGIQ	SLYGPPPDSP	ETPLVPTEPV	PPEPGTPANC	DPALSFDAVS	
TLRGEILIFK	DRHFWRKSLR	KLEPELHLIS	SFWPSLPSGV	DAAYEVTSKD	
LVFIFKGNQF	WAIRGNEVRA	GYPRGIHTLG	FPPTVRKIDA	AISDKEKNKT	
YFFVEDKYWR	FDEKRNSMEP	GFPKQIAEDF	PGIDSKIDAV	FEEFGFFYFF	
TGSSOLEFDP	NAKKVTHTLK	SNSWLNC			

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

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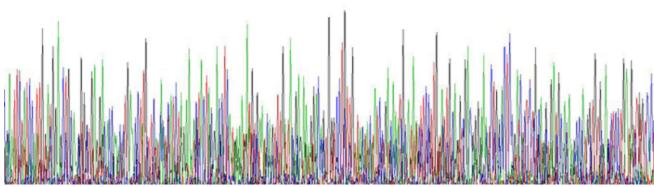


Figure. SDS-PAGE

[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.