SunLong Biotech Co.,LTD
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Recombinant Matrix Metalloproteinase 9 (MMP9)

Catalog Number: SIPA145Mu02 **Spec: 10ug**

Product Name	Recombinant Matrix Metalloproteinase 9 (MMP9)
Catalog Number	SIPA145Mu02
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Phe108~Ser508
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Original Concentration	10μg/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	4.7
Predicted Molecular Mass	73.6kDa
Accurate Molecular Mass	74kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0-0.1 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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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]

FQT FKGLKWDHHN ITYWIQNYSE DLPRDMIDDA FARAFAVWGE
VAPLTFTRVY GPEADIVIQF GVAEHGDGYP FDGKDGLLAH AFPPGAGVQG
DAHFDDDELW SLGKGVVIPT YYGNSNGAPC HFPFTFEGRS YSACTTDGRN
DGTPWCSTTA DYDKDGKFGF CPSERLYTEH GNGEGKPCVF PFIFEGRSYS
ACTTKGRSDG YRWCATTANY DQDKLYGFCP TRVDATVVGG NSAGELCVFP
FVFLGKQYSS CTSDGRRDGR LWCATTSNFD TDKKWGFCPD QGYSLFLVAA
HEFGHALGLD HSSVPEALMY PLYSYLEGFP LNKDDIDGIQ YLYGRGSKPD
PRPPATTTTE PQPTAPPTMC PTIPPTAYPT VGPTVGPTGA PSPGPTSSPS
PGPTGAPS

[IDENTIFICATION]

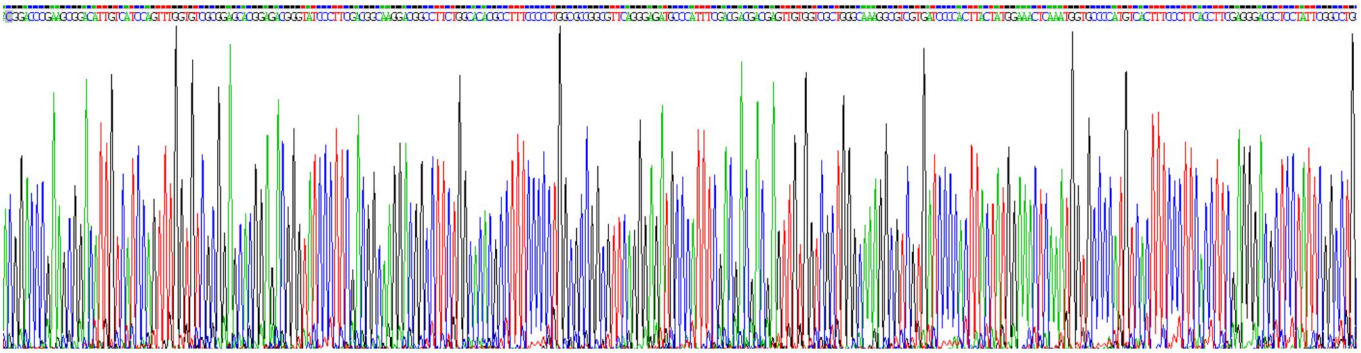


Figure . Gene Sequencing (extract)

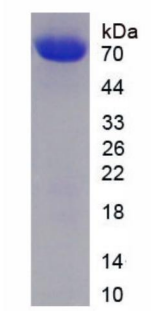


Figure. SDS-PAGE

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[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.