SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Matrix Metalloproteinase 14 (MMP14)

Catalog Number: SIPC035Si01 **Spec: 50ug**

Product Name	Recombinant Matrix Metalloproteinase 14 (MMP14)
Catalog Number	SIPC035Si01
Organism Species	Rhesus monkey
Source	Prokaryotic expression
Host	E.coli
Residues	Tyr112~Gly321
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	6000μg/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	4.6
Predicted Molecular Mass	27.3kDa
Accurate Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC 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

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]

YAIQGLKWQ YNEITFCIQN YTPKVGEYAT YEAIRKAFRV
WESATPLRFR EVPYAYIREG HEKQADIMIF FAEGFHGDST PFDGEGGFLA
HAYFPGPNIG GDTHFDSAEP WTVGNEDLNG NDIFLVAVHE LGHALGLEHS
SDPSAIMAPF YQWMDTENFV LPDDDRRGIQ QLYGSESGFP TKMPPQPRTT
SRPSVPDKPK NPTYGPNICD G

[IDENTIFICATION]

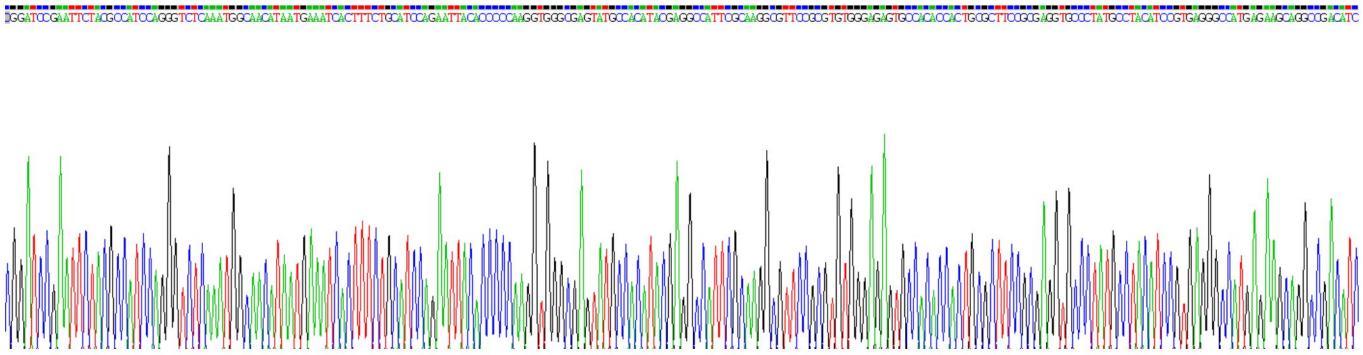


Figure . Gene Sequencing (extract)

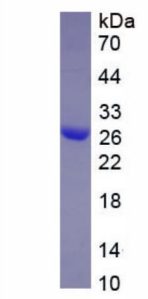


Figure. SDS-PAGE

[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.