SunLong Biotech Co.,LTD
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Recombinant Matrix Metalloproteinase 14 (MMP14)

Catalog Number: SIPC035Mu01 **Spec: 100ug**

Product Name	Recombinant Matrix Metalloproteinase 14 (MMP14)
Catalog Number	SIPC035Mu01
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	His121~Asn487
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm, Extracellular matrix
Purity	> 80%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	400μg/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	6.4
Predicted Molecular Mass	46.0kDa
Accurate Molecular Mass	44kDa 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

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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]

HNEITFCIQN YTPKVGEYAT FEAIRKAFRV
WESATPLRFR EVPYAYIREG HEKQADIMIL FAEGFHGDST PFDGEGGFLA
HAYFPGPNIG GDTHFDSAEP WTVQNEDLNG NDIFLVAVHE LGHALGLEHS
NDPSAIMAPF YQWMDTENFV LPDDDRRGIQ QLYGSKSGSP TKMPPQPRTT
SRPSVPDKPK NPAYGPNICD GNFDTVAMLR GEMFVFKERW FWRVRNNQVM
DGYPMPIGQF WRGLPASINT AYERKDGKFV FFKGDKHWVF DEASLEPGYP
KHIKELGRGL PTDKIDAALF WMPNGKTYFF RGNKYYRFNE EFRAVDSEYP
KNIKVWEGIP ESPRGSFMGS DEVFTYFYKG NKYWKFN

[IDENTIFICATION]

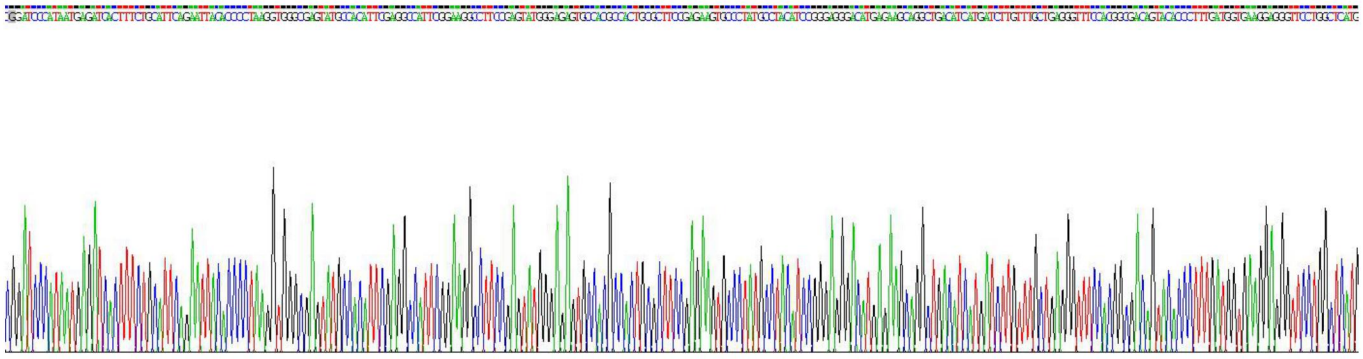

Figure . Gene Sequencing (extract)

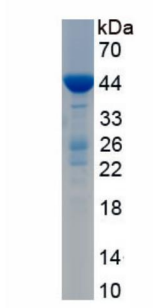

Figure. SDS-PAGE

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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.