SunLong Biotech Co.,LTD
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Recombinant Lamin A/C (LMNA)

Catalog Number: SIPF143Mu01 **Spec: 10ug**

Product Name	Recombinant Lamin A/C (LMNA)
Catalog Number	SIPF143Mu01
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Met1~Glu422
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	100μg/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	7.2
Predicted Molecular Mass	52.2kDa
Accurate Molecular Mass	52kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O 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]

METPSQRRAT RSGAQASSTP LSPTRITRLQ EKEDLQELND RLAVYIDRVR
SLETENAGLR LRITESEEVV SREVSGIKAA YEAELGDARK TLDSVAKERA
RLQLELSKVR EEFKELKARN TKKEGDLLAA QARLKDLEAL LNSKEAALST
ALSEKRTLEG ELHDLRGQVA KLEAALGEAK KQLQDEMLRR VDAENRLQTL
KEELDFQKNI YSEELRETKR RHETRLVEID NGKQREFESR LADALQELRA
QHEDQVEQYK KELEKTYSAK LDNARQSAER NSNLVGAAHE ELQQSRIRID
SLSAQLSQLQ KQLAAKEAKL RDLEDSLARE RDTSRRLLAE KEREMAEMRA
RMQQQLDEYQ ELLDIKLALD MEIHAYRKLL EGEEERLRLS PSPTSQRSRG
RASSHSSQSQ GGGSVTKKRK LE

[IDENTIFICATION]

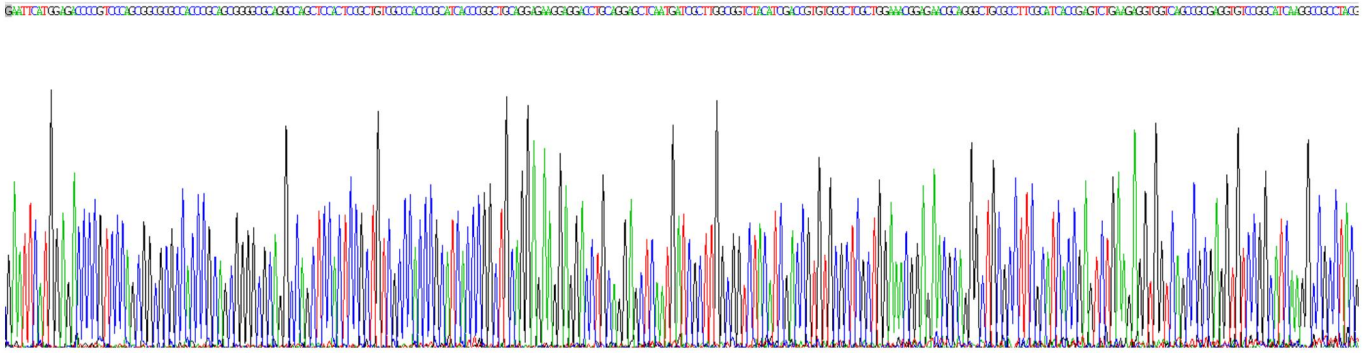


Figure . Gene Sequencing (extract)

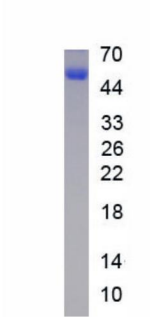


Figure. SDS-PAGE

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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.