

Recombinant Lamin A/C (LMNA) Instruction Manual

SIPF143Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus
Predicted Molecular Mass	52.2kDa
Accurate Molecular Mass	52kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Glu422 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	7.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

METPSQRRAT RSGAQASSTP LSPTRITRLQ EKEDLQELND RLAVYIDRVR
SLETENAGLR LRITSEEEVV SREVSGIKAA YEAELGDARK TLDSVAKERA
RLQLELSKVR EEFKELKARN TKKEGDLIAA QARLKDLEAL LNSKEAALST
ALSEKRTLEG ELHDLRGQVA KLEAALGEAK KQLQDEMLRR VDAENRLQTM
KEELDFQKNI YSEELRETKR RHETRLVEID NGKQREFESR LADALQELRA
QHEDQVEQYK KELEKTYSAK LDNARQSAER NSNLVGA AHE ELQQSRIRID
SLSAQLSQLQ KQLAAKEAKL RDLED SLARE RDTSRRL LAE KEREMAEMRA
RMQQQLDEYQ ELLDIKLALD MEIHAYRKLL EGEEERLRLS PSPTSQRSRG
RASSHSSQTQ GGGSVTKKRK LE

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

