

Human Lamin-A Recombinant Protein



RPPB3836

Product Information Protein Information

Product SKU:

RPPB3836

Accession:

P02545

Host:

Escherichia Coli.

Protein description:

Recombinant Human Lamin A produced in E.Coli is a single, non-glycosylated polypeptide chain containing 645 amino acids and having a molecular mass of 70 kDa. Lamin-A protein is fused to a 6xHis tag at N-terminus and purified by conventional chromatography techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Prelamin-A/C, LMNA, LMN1, Lamin-A/C, 70 kDa lamin, Renal carcinoma antigen NY-REN-32, FPL, IDC, LFP, CDDC, EMD2, FPLD, HGPS, LDP1, LMNC, PRO1, CDCD1, CMD1A, FPLD2, LMNL1, CMT2B1, LGMD1B.

Formulation:

The Lamin-A Protein solution (0.9mg/ml) contains 20mM phosphate buffer pH 7.0, 500mM NaCl, 1mM DTT, 1.5mM EDTA and 20% (v/v) Glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

HHHHHH-

METPSQRRATRSGAQASSTPLSPTRITRLQEKEDLQELNDRLAVYIDRVHSLETENAGLRLRITESEEVVSREVSIGKA
AYEAE LGDARKTLDSVAKERARLQLELSKVREEFKELKARNTKKEGDLIAAQARLKDLEALLNSKEAALSTALSEKRTLE
GELHDLRGQVAKLEAALGEAKKQLQDEMLRRVDAENRLQTMKEELDFQKNIYSEELRETKRRHETRLVEIDNGKQR
EFESRLADALQELRAQHEDQVEQYKKELEKTYSAKLDNARQSAERNNSNLVGAHEELQQSRIRIDSLSAQLSQLQK
QLAAKEAKLRDLEDSLARERDTSRRLAAKEREMAEMRARMQQQLDEYQELLDIKLALDMEIHAYRKLLEGEERLR
LSPSPTSQRSRGRASSHSQTQGGGSVTKKRKLESTESRSSFQHARTSGRVAVEEVDEEGKFVRLRNKSNEDQSM
GNWQIKRQNGDDPLLTYRFPKFTLKAGQVVTIWAAGAGATHSPPTDLVWKAQNTWGCNLSLRTALINSTGEEV
AMRKLVRSVTVVEDEDEDGDDLLHHHHGSHCSSSGDPAEYNLRSRTVLCGTCGQPADKASASGSGAQVGGPIS
SGSSASSVTVRSYRSVGGSGGGSFGDNLVTRS