

Lamin-A Recombinant Protein | LMNA recombinant protein

Recombinant Human Lamin-A

CATALOG #
AAA38762HOST
E Coli

PRODUCT SYNONYMS

Lamin-A; Recombinant Human Lamin-A; 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.; LMNA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	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.
Sequence	HHHHHMETP SQRRATRSGA QASSTPLSPT RITRLQEKEQ LQELNDRLAV YIDRVHSLET ENAGLRRLRIT ESEEVSREV SGIIAAAYEAE LGDARKTLDS VAKERARLQL ELSKVREEFK ELKARNTKKE GDIIAAQARL KDLEALLNSK EALSTALSE KRTLEGELHD LRGQVAKLEA ALGEAKQLQ DEMLRVDAE NRLQTMKEEL DFQKNIYSEE LRETKRRHET RLVEIDNGKQ REFESRLADA LQELRAQHED QVEQYKKELE KTYSAKLDNA RQSAERNSNL VGAAHEELQQ SRIRIDSLSA QLSQLQKQLA AKEAKLRDLE DSLARERDTS RRLAEKERE MAEMRARMQQ QLDEYQELLD IKLALDMEIH AYRKLEEGEE ERLRLSPSPT SQRSRGRASS HSSQTQGGGS VTKKRKLEST ESRSSFSQHA RTSGRVAVEE VDEEGKFVRL RNKSNEDQSM GNWQIKRQNG DDPLLTYRFP PKFTLKAGQV VTIWAAGAGA THSPPTDLVW KAQNTWGCNG SLRTALINST GEEVAMRKLK RSVTVVEDDE DEDGDDLHH HHGSHCSSSG DPAEYNLRSR TVLCGTCGQP ADKASASGSG AQVGGPISSG SSASSVTVTR SYRSVGGSGG GSFGDNLVTR S
Sequence Length	574
Physical Appearance	Sterile filtered clear solution.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for LMNA recombinant protein	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.
Product Categories/Family for LMNA recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	383792150
NCBI GeneID	4000
NCBI Accession #	NP_001244303.1
NCBI GenBank Nucleotide #	NM_001257374.2
UniProt Accession #	P02545 ; P02546 ; Q5I6Y4 ; Q5I6Y6 ; Q5TCJ2 ; Q5TCJ3 ; Q6UYC3 ; Q969I8 ; B4DI32 ; D3DVB0 ; D6RAQ3 ; E7EUI9

NCBI Official Full Name	lamin isoform D
NCBI Official Synonym Full Names	lamin A/C
NCBI Official Symbol	LMNA
NCBI Official Synonym Symbols	FPL; IDC; LFP; CDDC; EMD2; FPLD; HGPS; LDP1; LMN1; LMNC; PRO1; CDCD1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B
NCBI Protein Information	lamin; 70 kDa lamin; lamin A/C-like 1; prelamin-A/C; renal carcinoma antigen NY-REN-32
UniProt Protein Name	Prelamin-A/C
UniProt Gene Name	LMNA
UniProt Synonym Gene Names	LMN1
UniProt Entry Name	LMNA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lmna-recombinant-protein-e-coli/38762>