

Lamin A/C Recombinant Protein | LMNA recombinant protein

Recombinant Human Lamin A/C

CATALOG # AAA38071	HOST E Coli
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PRODUCT SYNONYMS

Lamin A/C; Recombinant Human Lamin A/C; LMNA; LMNA Human; Lamin A/C Human Recombinant; Prelamin-A/C; Lamin-A/C; 70 kDa lamin; LMN1; Renal carcinoma antigen NY-REN-32; Progerin; LMNA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The LMNA solution contains 20mM Tris-HCl pH 7.5, 1mM DTT, 0.5M NaCl, 1.5mM EDTA and 20%(v/v) glycerol.
Sequence	MAHHHHHHVG TGSNDDDDKS PDMETPSQRR ATRSGAQASS TPLSPTRITR LQEKEDLQEL NDRLAVYIDR VRSLETENAG LRLRITESEE VVSREVSGIK AAYEAELGDA RKTLDVAKE RARLQLELSK VREEFKELKA RNTKKEGDLI AAQARLKDLE ALLNSKEAAL STALSEKRTL EGELHDLRGQ VAKLEAALGE AKKQLQDEML RRVDAENRLQ TMKEELDFQK NIYSEELRET KRRHETRLVE IDNGKQREFE SRLADALQEL RAQHEDQVEQ YKKELEKTYS AKLDNARQSA ERNSNLVGAA HEELQQSRI IDLSAQLSQ LQKQLAAKEA KLRDLEDLSA RERDTSRRL AEKEREMAEM RARMQQQLDE YQELLDIKLA LDMEIHAYRK LLEGEEERLR LSPSPTSQRS RGRASSHSSQ TQGGGSVTKK RKLESTESRS SFSQHARTSG RVAVEEVDEE GKFVRLRNKS NEDQSMGNWQ IKRQNGDDPL LTYRFPPKFT LKAGQVVTIW AAGAGATHSP PTDLVWKAQN TWGCGNSLRT ALINSTGEEV AMRKLVRSVT VVEDDEDEDG DLLHHHHGS HCSSSGDPAE YNLRSTVLC GTCGQPADKA SASGSGAQSP QNCSIM
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for LMNA recombinant protein	LMNA Human Recombinant fused with a His tag produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 614 amino acids and having a molecular mass of 68.0kDa. The LMNA is purified by proprietary chromatographic techniques.
Product Categories/Family for LMNA recombinant protein	RECOMBINANT & NATURAL PROTEINS

NCBI AND UNIPROT INFORMATION

NCBI GI #	383792150
NCBI GeneID	4000
NCBI Accession #	NP_001244303.1
NCBI GenBank Nucleotide #	NM_001257374.1
UniProt Accession #	P02545; P02546; Q5TCJ2; Q5TCJ3; Q969I8; Q96JA2; B4DI32; D3DVB0; 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; prelamin-A/C; lamin A/C-like 1; 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/38071>