

Recombinant Human LMNA protein, His-tagged

Cat. No. LMNA-3455H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LMNA protein(26-198 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26-198 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	ITRLQEKEDLQELNDRLAVYIDRVRSLETENAGLRLRITESEEVVSREVSGIKAAYEAE LGDARKTLDSVAKERARLQLELSKVREEFKELKARNTKKEGDLIAAQARLKDLEALLN SKEAALSTALSEKRTLLEGELHDLRGQVAKLEAALGEAKKQLQDEMLRRVDAENRLQ
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name LMNA lamin A/C [Homo sapiens]

Official Symbol LMNA

Synonyms LMNA; lamin A/C; cardiomyopathy, dilated 1A (autosomal dominant) , CMD1A, lamin A/C like 1 , LGMD1B, limb girdle muscular dystrophy 1B (autosomal dominant) , LMN1, LMNL1, PRO1, progeria 1 (Hutchinson Gilford type); lamin; HGPS; 70 kDa lamin; prelamin-A/C; lamin A/C-like 1; renal carcinoma antigen NY-REN-32; FPL; IDC; LFP; CDDC; EMD2; FPLD; LDP1; LMN1; LMNC; PRO1; CDCD1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B;

Gene ID 4000

mRNA Refseq NM_001257374

Protein Refseq NP_001244303

MIM 150330

UniProt ID P02545

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