

## Recombinant Human LMNA protein, GST-tagged

Cat. No. LMNA-1857H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LMNA protein(26-198 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	26-198 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	ITRLQEKEDLQELNDRLAVYIDRVRSLETENAGLRLRITESEEVVSREVSGIKAAYEAE LGDARKTLDSVAKERARLQLELSKVREEFKELKARNTKKEGDLIAAQARLKDLEALLN SKEAALSTALSEKRTLLEGELHDLRGQVAKLEAALGEAKKQLQDEMLRRVDAENRLQ
<b>Purity</b>	98%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.
<b>Reconstitution</b>	Reconstitute at 0.25 g/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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