

Human LMNB2 Knockdown Cell Lysate

Cat. No. LMNB2-228HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated LMNB2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a B type nuclear lamin. The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. Mutations in this gene are associated with acquired partial lipodystrophy.
Form	Cell-Tissue Lysis buffer
Molecular Mass	68 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg LMNB2 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	LMNB2 lamin B2 [Homo sapiens (human)]
Official Symbol	LMNB2
Synonyms	LMNB2; lamin B2; LMN2; lamin-B2; LAMB2; MGC2721;
Gene ID	84823
mRNA Refseq	NM_032737
Protein Refseq	NP_116126
MIM	150341
UniProt ID	Q03252

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