



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### LMNB1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004001-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human LMNB1 full-length ORF (AAH12295.1, 1 a.a. - 586 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MATATPVPPRMGSRAGGPTTPLSPTRLSRLQEKEELR  
ELNDR LAVYIDK VRSLETENSALQLQVTEREEV R GREL  
TGLKALYETELADARRALDDTARERAKLQIELGKCKAE  
HDQLLLNYAKKESDLNGAQIKLREYEAALNSKDAALAT  
ALGDKKSLEGDLEDLKDQIAQLEASLAAAKKQLADETL  
LKVDLENRCQSLTEDLEFRKSMYEEEINETRRKHETRL  
VEVD SGRQIEY EYKLAQALHEMREQHDAQVRLYKEEL  
EQTYHAKLENARLSSEMNTSTVNSAREELMESRMRIE  
SLSSQLSNLQKESRACLERIQELEDLLAKEKDNSRRML  
TDKEREMAEIRDQMQQQLNDYEQLLDVKLALDMEISA  
YRKL LQGEEERLKLSPSPSSRVTVSRASSRSVRTRTR  
GKRKRVDVEESEASSSVSISHSASATGNVCIEEIDVDG  
KFIRLKN TSEQDQPMGGWEMIRKIGDTSVSYKYTSRY  
VLKAGQVTIWAANAGVTASPTDLIWKQNQNSWG TGE  
DVKVILKNSQGEEVAQRSTVFKTTIPEEEEEEEEAAGV  
VVEEELFHQQGTPRASNRSCAIM

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 92.8

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4001

**Gene Symbol:** LMNB1

**Gene Alias:** ADLD, LMN, LMN2, LMNB, MGC111419

**Gene Summary:** 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. This gene encodes one of the two B type proteins, B1. [provided by RefSeq]