

LMNB1 抗原（重组蛋白）

中文名称： LMNB1 抗原（重组蛋白）

英文名称： LMNB1 Antigen (Recombinant Protein)

别名： LMN; ADLD; LMN2; LMNB

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 300 amino acids of human LMNB1

技术规格

Full name:	lamin B1
Synonyms:	LMN; ADLD; LMN2; LMNB
Swissprot:	P20700
Gene Accession:	BC012295
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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. Alternative splicing results in transcript variants and a duplication of this gene is associated with autosomal dominant adult-onset leukodystrophy (ADLD).