

OriGene Technologies, Inc.

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Product datasheet for TP762496

Lamin B1 (LMNB1) (NM_005573) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human lamin B1 (LMNB1), transcript variant 1, 418Arg- 582Ser, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region (418Arg-582Ser) of LMNB1
Tag:	N-His
Predicted MW:	20.4kDa
Concentration:	>0.05 μ g/ μ L as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 005564</u>
Locus ID:	4001
UniProt ID:	<u>P20700</u>
RefSeq Size:	3420
Cytogenetics:	5q23.2
RefSeq ORF:	1758
Synonyms:	ADLD; LMN; LMN2; LMNB; MCPH26

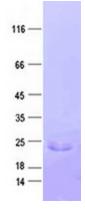


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Summary:This gene encodes one of the two B-type lamin proteins and is a component of the nuclear
lamina. A duplication of this gene is associated with autosomal dominant adult-onset
leukodystrophy (ADLD). Alternative splicing results in multiple transcript variants. [provided
by RefSeq, Dec 2015]

Product images:



Purified recombinant protein LMNB1 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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