

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 µg/µL 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: | NP_005564 |
| Locus ID: | 4001 |
| UniProt ID: | P20700 |
| 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 Coomassie Blue Staining.