

## Product datasheet for **RN206117**

### **Lmnb1 (NM\_053905) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Lmnb1 (NM_053905) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lmnb1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206117 representing NM\_053905  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGACCGCGACCCCCGTGCAGCAGCGGGCGGGCAGCCGCGCCAGCGCCCCGCCACGCCGTTACGCC  
 CCACGCGCTGTCGCGGCTGCAGGAGAAAGAGGAGCTGCCGAGCTCAACGACCGTCTGGCGGTGTATAT  
 TGACAAGGTGCGCAGCTTGAGACGAGAACAGCGCGCTGCAGCTGCAGGTGACCGAGCGGAGGAGGTG  
 CGCGGCCGCGAGCTACCGGGCTCAAGGCTCTCTACGAGACCGAGCTGGCCGACGACGCCGCGCTCTAG  
 ACGACACGGCCCCGAGCGCGCAAGCTACAGATCGAGCTGGCAAGTTC AAGGCCGAGCAGCAGCAGCT  
 GCTGCTCAATTATGCTAAGAAGGAGTCTGATCTCAGTGGAGCCCAGATCAAGCTTCGAGAGTATGAGGCC  
 GCGCTAAACTCTAAGGATGCAGCACTGGCTACTGCCCTTGGGACAAAAAGAGTTTAGAGGGAGACTTGG  
 AGGATCTGAAAGACCAGATTGCCAGTTGGAAGCATCCCTATCTGCCGCAAAAAGCAGTTGGCGGATGA  
 GACTTTGCTTAAAGTGGATCTGGAGAACGTTGTGAGACCTTACTGAGGACTTGGAGTTCGTA AAAAT  
 ATGTATGAAGAGGAGATCAATGAGACAAGAAGGAAGCATGAGACGCGCCTGGTGGAGGTGGACTCCGGGC  
 GTCAGATTGAGTATGAGTACAAGCTGGCTCAAGCCCTGCACGAGATGAGAGAGCAGCAGCAGCGCAGGT  
 GAGGCTGTATAAGGAAGAGCTGGAGCAGACCTACCACGCCAAGCTTGAGAATGCCAGGCTGTATCAGAG  
 ATGAACACTTCCACTGTCAACAGTGCCAGGGGAGGAATGATGGAGAGCCGGATGAGGATCGAGAGCCTTT  
 CCTCTCAGCTTTCAACTGCAGAAAGATTCTAGAGCATGCTTGGAAAGGATTCAAGAATTGGAGGACAT  
 GCTTGCTAAAGAGAGAGACAACCTACGCCGATGCTGTCTGACAAAGAGAGAGATGGCGGAAATAAGG  
 GACCAGATGCAGCAGCAGCTGAATGATTACGAACAGCTGCTTGACGTGAAGCTGGCCCTGGACATGGAGA  
 TCAGCGCCTACAGGAACTCTTGAAGGGGAAGAAGAGCGGTTAAAGCTCTCTCCAAGTCTTCTCCCG  
 AGTGACCGTGTCCAGAGCCTCGTCCAGCCGAGTGTGCGCACACCAGAGGAAAGCGGAAGAGAGTTGAT  
 GTGGAAGAATCAGAGGCGAGCAGTGTGTAGCATTTCCTCACTCTGCTTACGCCAGGGGAATGTGTGCA  
 TTGAAGAGATAGATGTTGATGGGAAGTTTATTCGCTTGAAGAACA CTCTGAACAGGATCAACCAATGGG  
 AGGCTGGGAGATGATCAGAAAAATTGGAGACACATCAGTCAGTTACAAATATACCTCAAGATATGTGCTG  
 AAGGCCGCCAGACTGTTACAGTATGGGCTGCAAAATGCTGGAGTACAGCCAGTCTCCTCAACTGACCTCA  
 TCTGGAAGAACCAGA ACTCTTGGGGCACTGGCAGGATGTGAAGTTGTGTTGAAGAATTCTCAGGGAGA  
 GGAGTTGCTCAGAGAAGCACAGTCTTCAA AACTACCATACCTGAGGAGGAGGAGGAGGAGGAGGAGG  
 CCCATCGGAGTGCCCTGGAGGAGGAACGTTTCCACCAGCAGGGAACCCCAAGAGCATCCAATAAAAGCT  
 TGCCATTATG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_053905
- Insert Size:** 1764 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_053905.1](#), [NP\\_446357.1](#)

**RefSeq Size:** 2154 bp

**RefSeq ORF:** 1764 bp

**Locus ID:** 116685

**UniProt ID:** [P70615](#)

**Cytogenetics:** 18q12.1

**Gene Summary:** human homolog is a nuclear lamina protein; involved in nuclear stability, chromatin structure and gene expression [RGD, Feb 2006]