

Product datasheet for **RN212370**

Lbr (NM_134453) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lbr (NM_134453) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lbr
Synonyms:	Nbp60
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212370 representing NM_134453
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGGAAGGAAATTTGCCGATGGTGAAGTGGTAAAGAGTCGATGGCCTGGGAGTTCACCTTTATTATG
 AAGTAGAAATCTGAGCCACGACAGCACCTCCCAGCTTTACACTGTGAAGTATAAAGATGGCACCAGCT
 GGAGCTGAAGGAGAGTGACATCAAGCCTTTAAAGTCCTTTAAGCAGAGAAAGAGTGGCTCAACTCCAGC
 TCTCCTCAAGACGCCGACGAGCCGACGCGCTCCCGATCACGCTCCCGATCCCCGGGCGGGCACCCA
 AAGTTCCAGAAGATCAGTCTCTGCTTCTACCAGGCTGACGCTAAGGAAAAGGAAATGAGGAGGGAGAT
 TTTGCAAGTTAAATTGACTCCGCTCGTGTGAAGCCGTTTCAAACAGCGTCAGTGTGTACAACGGGGAG
 CCCGAACACATGGAAAAGAGCGCCACACCTCTAAAAACAAGCAGGAAAGAGTCATTTTGTCAACAGAAG
 ACAGTTATATAGCTACACAGTACAGCCTTCGCCCCAGAAGAGAAGAGGTCAAACAAAACATAGAGTCCG
 AGGAACAAACCTTGTACCAGAGGACCTGTACCTTTGGGAACCTTCAAGTGACCACTCCACAGAGGAGG
 GACTTGGAGTTCGGAGGAGTACCTGGTGCCTCCTCATTATGCTTGGCCTGCCTGCCTGTCTTCTCCTGC
 TGCTGCTGCAGTGTGCGCAGAAGGACCCCGGGCTGCTCCAGTTCCCTCCACCTCTGCCAGCTCTCCGTGA
 GCTGTGGGAAGCCAGAGTGTGTGGCCTTACCTCCTCTGGTTCTTCTTCAAGCTCTCTTCTCCCTTCTA
 CCAGTTGGGAAGGTTGTAGAAGAACACCTCTTGTGTGAAGAAGACTCAAGTACAGACTGAATGGAC
 TGTATGCCTTCATCCTGACATCAGCAGCCGTGGGACAGCTGTCTTCTGGGACATAGAATATATTACCT
 GTACACTACTTCTGCAGTTTGCAGTGGCAGCCATTGTGTTTTCAGTGGTCTGAGTGTTCACCTCTAT
 GCCCGCTTTTGAAGTCCCCAGGGATGAGCTGTCACCTGCCAGTCTGGAAATGCTGTCTATGACTTCT
 TCATTGGCCGTGAGTTAAACCTCGAATTGGTGTCTTTCGATCTCAAATTTCTGTGAATTGCGCCCTGG
 ATTGATCGGATGGGTGGTTATTAACCTGGTGATGCTTTTGGCTGAAATGAAAGTCCAGGAGCGTAGTGCT
 CCGTCTTGGCGATGACCCTGGTCAACAGCTTCCAGCTCCTGTATGTGGTGGACGCCCTCTGGTTTGAGG
 AAGCATTGCTGACCACCATGGACATCATCCACGATGGCTTTGGCTTCATGCTGGCCTTTGGGATTTAGT
 GTGGGTTCCATTTACCTACAGTCTCCAGGCCTTACCTGGTCAACCATCCCCAGGACTTGTCTGGCCA
 TTGACTTCTGTCATCATCGCTCTGAAGCTGTGTGGATATGTAATATCCGTTGTGCAAACCTCAGAAAA
 ATGCTTTTCGGAAGAATCCCACTGATCCAAAGCTTGCACATTTAAAAACCATCCCTACTTCGACGTGGAA
 GAGTCTGCTTGTGTCTGGATGGTGGGCTTTGTCGCCATCCCAATTACTGGGTGATCTCATCATGGCT
 CTGGCGTGGTCCCTCCCATGTGGCTTCAACCACATCCTGCCTTACTTCTATGTCATCTACTCCACCGCAT
 TGCTTATCCATCGAGAAGCCCGTATGAACACCAGTGCAGGAGGAAGTACGGCCTGGCCTGGGAGAAGTA
 CTGTCAGCGCGTGCCTACCGCATATTCCTACATTTACT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_134453
- Insert Size:** 1863 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_134453.1](#), [NP_604448.1](#)

RefSeq Size: 1863 bp

RefSeq ORF: 1863 bp

Locus ID: 89789

UniProt ID: [O08984](#)

Cytogenetics: 13q26

Gene Summary: nuclear localization signal (NLS) binding protein [RGD, Feb 2006]