

Product datasheet for **RN214853**

Lactb (NM_001106833) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lactb (NM_001106833) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lactb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214853 representing NM_001106833
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTACCGGTTCTGTCAAGCGTGACATCTCGGGTACGGCCACCGCAGGCCAGCCTTGGCGGGAGGGC
 GGCGTGGGGCGCACGGGGACCCGGCCTGCCTATGCTGAGCCTTGATGGCCGGCGGCCTGGGGCTCGG
 GCTGGGGCTGGCTCTTGGGGCGAAACTGGCGATTGGGCTGAGGGGCGCCGTCGCCATTAGTCCCCCGCG
 GACCCCGAGGCGTCCGGCGCTACTGAGCTGCCGCATGAGCAGGCCCGGGCCAGGGAGCCCGCACACGC
 CTGCGTCGCCCGTCCAGGGGCTTCTCCAGAGCCATAGAGAGCAGCCGCGATCTGCTGCACCGGATCAA
 GGTAGAGTTGGTCCCCTGGCATAAGTGGTTGGAGTTTCTGTAGATGGAAAAGAAGTCTGGTCTGAGAGGT
 TTAGGCTATGCAGATGTGGAGAACCAGTACCCTGCAAACCAGAAACGGTATGAGAATTGCAAGCATCA
 GCAAAAGCCTTACCATGGTGGCTCTGGCTAAACTGTGGGAAGCAGGAAGCTGGATCTGGACCTCCCGT
 GCAGCACTATGTCCTGAGTTCAGAAAAGAATAACGAGGGTAAAAGGTCTCTGTCAACAGAGATTA
 CTAAATTCCTCACTAAGTGAATTCGTCAATATGAAAAGGACATGAAGAAAGTAAAAGAAGAGAAGGCTT
 ATAAAGCCTTGAAGATGATGAAAGGGACACCACCCCTGACCAAGAGAAAAGAACTGAAAGAAAAGGGAGG
 CAAGGATAACGACAAGAGCGACTCACCGAAAGCCAAAGCTGAGCAGGACAGTGAAGCCAAATGCCGACG
 GCAAAAGCCGGGCAAGAAGAAGAAAGTACTTTGAACAAGGCGAATTAATTTGAAAGAAAAGTTGAAAATT
 CGATCGAATCACTAAGATTATTTAAAAATGATCCTTTATCTTTAAACCTGGTAGTCAGTTTTTGTATTC
 AACGTTTGGCTATACTCTGCTGGCAGCCATAGTAGAAAGAACTTCAGGATATAAATTTGGACTATATG
 CAGAAAATTTCCATGATTTGGACATGCTGACAACCTGTCCAGGAAGAAAACGAGCCAGTGATTTACAACA
 GAGCAAGATTTATGTGTACAATAAAAAGAAACGCTTTGTCAACACACCTTACGTGGATAACTCCTATAA
 ATGGGCTGGTGGTGGATTCTGTCCACGGTGGGGGACCTCCTGAAGTTTGGGAATGCAATGCTGTATGGC
 TACCAAGTTGGGCTGTTAAGAAGCTCAAATGAAAATCTCTTGCCTGGATATCTCAAGCCAGAAAACGATGG
 TGATGATGTGGACCCAGTCCCTAACACAGAGATGTCTGGGATAAAGAGGGCAAATATGCCATGGCGTG
 GGGTGTGTAGAGAAGAAGCAAACGCACGGCGCCTGCAGGAAGCAGCGGCACTACGCCTCACACTGGA
 GGTGCCGTGGGTGCCAGCAGTGTCTGCTGCTCCTCCCTGAAGAAGTGGACCCAGAGGCCGTAACAACA
 AGGTTCCCGGAGGGGAATAATGTCTCAATCATATGCAACATGCAGTCTGTGGGCTCAACAGCACTGC
 TTTAAAGATCGCCCTGGAGTTTGATAAAGACAGAGCCGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106833
- Insert Size:** 1653 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_001106833.1](#), [NP_001100303.1](#)

RefSeq Size: 1987 bp

RefSeq ORF: 1653 bp

Locus ID: 300803

Cytogenetics: 8q24