

Product datasheet for **MC228368**

Lactbl1 (NM_001243262) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lactbl1 (NM_001243262) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lactbl1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228368 representing NM_001243262
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGACTCGGGCCCGCCAGCAGCCCCATCTTCTGAAAGGGAAGAAGAAATGGTTTTTGTGGGCCCTCA
 GTGGCTTCCTCTTCTCTGCTCTCAGCGACCATGACTGGCTGCTTCCTGTGGCAGCTCTACCTCCCAAGCT
 GCAGACTGGTTTCCTTGAAGCCAGAGGTGCCCTCCAGCCCCGGTGAAGATGTGTCCCCGGCACCCCTGAGCTT
 GTGCCTCTTGCTCACCCCTGCCGGTGTGAAGGAGGCCCTGGAGAAGGTGGATGGGATTCTGCGCAAGG
 CGATGTTGGCCCCAGGCCTGGCTGCCATGTCTGCCCTCGTCATCCATAATGACACTGTGCTCTGGACTGG
 GAACCTCGGGAGGAAGAATGGCTCAGATCCAAATCTGGAACCCCTAATGAGTATACCATGTACCGGATT
 GCCAGCATCTCCAAGATCTCCCTGTGCTGATGCTGTATCGCTGTGGGAGGAGGCATCGTGGACTCCC
 TGGACGACCTCTGGAGCGCTATGCCAGCACATCTCCATCAACAACCCCTCTGGGCACAGCCCAAGGCC
 TGGAGCACAGGGCCCAACGGGGGAATCTGAAGAGATGGGCTCCCTCCCAAGGCCGTCCCCTGCTACTCTC
 CGGAGGATGGCCAGTCAGTTGTCAGGACTTCCCGAAGACTCCGGGGCACTTCACTGCTGTGGAGGGGCA
 GCACCCAGGAGGCTCTGAGCCTGCTCAAGGATGATGTCCTGGTGGCTGACCCAGGAACAGATGCCACTA
 CAGCACGCTGGCCTTCTCTCTCCTAGCCATGTGCTGGCTGCGCACAGGGCACAGGGCGACTATGAGCGC
 TGGGTGTCTGAGCAGGTGCTGGAACCGCTGGGGATGAGTGACACCGGCTTGGACTGACAGGAACAGTGC
 GTGCACGTCTGGCTGTGGCTTCTATGGCAGCGGCAGGTCGCCCCGCTCTACGATCTGGGCTGGTACCG
 GCCATCGGGCCAGATGTACTCGACAGCTGCAGACCTGGCCAGGCTTGGGCTGCGCTCCTGGGTGCAGGT
 CCCCAGCGGCTGCTACGGCCCGACAGCCTGGCCACATTGCTAGCACCCTACGCGCTGCGCCACGGCT
 ACTTTGCTAGTGAACCGGTACACCCTGGGAGTCCACGAGAGGCGTGGATACCGCGTGGCGCCAAGGA
 TGGCGACTTGGACGGCTATGCCGCCAGCCTGGCGCTCGTGCCACCCTGCGCTTGGGATTTGTGCTTTG
 CTAGCCGGGCTCGCCCTCCACGCGCACCTGGTGGCTGACGCCCTGGATACGCTGCTGCCAGCCCTGG
 AGCGCGCATTGCGAGAGGCTGAGCTTGCSCCGCGCCCCCGCCCGCGCGCGCCGTTTTCGCTGGCTTTTT
 CACCTTCGCCAACCGCACCTTCTACGAGGTGCGCGCCCGCGGCGCGTGGCGAGCTGCGCTTGCGCCAG
 TTTGGGCCGCGCGTGGAGGCGCTCGTCCCGCCGCTTCCGATCGCTCGCCCTGCGCCACGTGCGCGGCC
 GCGTCTTCCAGTTGCACGTGGCGCGGAGTTCCTGCGCGCTGCGGCTGCGCGACGCTGGTTGTCTCT
 GGAGTCCCAGCACGGCCAGCTGGTGCAGTCTACCCACTGGATCGCCACGGGTTGGCGCCGGCTTCGAC
 GTACCGGGCTCAACACCTACGGAGTGTGCGCTTCCACGCGAGCCAGTGTTCAGCTCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001243262
- Insert Size:** 1746 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001243262.1](#), [NP_001230191.1](#)

RefSeq Size: 1954 bp

RefSeq ORF: 1746 bp

Locus ID: 242707

Cytogenetics: 4 D3