

## Product datasheet for **MC206316**

### **Mobkl2b (BC020028) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mobkl2b (BC020028) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mobkl2b
Synonyms:	Mob3b, MGC28259
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC020028  
 GGGCAGCTGCGCGGCGCCTGGGTGCATGTGGGGCCGCACCAGAGCCGTGGTCGCTGCATCTGGAGTCA  
 CGCGTGTGGTCAGAAACCCCTCGCGTGAATCTGCAAGCATCGTGTCTGGCTGGAGGAGCTCACTCTT  
 TTTCTCCGGCTCCAGAAGCTGCTGCCGGAGTGAAGGAAACCAGCAGGGCCCTAGGCAGAAGGTTAAAACC  
 CCACGGAAGAACATGAGGATCCCTTGGAGCCATTCAAGAGGACGATGGAAGGAGCCATTTAGAGTAAA  
 TAGAGTGAAAAGTACAGGCTGCCACACTGGGCGCTGAAGGTTGGCAGTGGAAAAGCCTGCTGGGCTGTGA  
 TCTCTCACTCCAAGTCCAAGTGCCTTTTTGCTTCTGCAAAAAGGAAGCAAGGAGGAGACCATG  
 TCCATCGCCCTGAAGCAAGTGTTCAACAAGGACAAGACCTTCCGGCCCAAGAGGAAGTTGAACCCGGCA  
 CACAAAGATTTGAGCTGCACAAACGAGCTCAGGCGTCCCTCAACTCGGGTGTGGACCTGAGGGCAGCCGT  
 GCAGTTACCCAACGGCGAGGACCAGAACGACTGGGTGGCTGTGCACGTGGTGGACTTCTTCAATCGCATT  
 AACCTCATCTACGGCACCATCTGTGAGTTCTGCACTGAGCGGACCTGCCCTGTGATGTCAGGGGGCCCGA  
 AATACGAGTACCGATGGCAGGATGACCTCAAGTATAAGAAACCAACTGCACTGCCCGCTCCCCAGTACAT  
 GAATCTGCTTATGGATTGGATTGAAGTCCAGATAAACAATGAGGACATATTTCCAACATGTGTTGGCGTC  
 CCCTTCCAAAGAACTTCTCCAGATCTGCAAGAAGATCCTATGCCGCTCTTTCCGGTCTTCGTCCATG  
 TCTACATTCATCACTTTGACCGTGTATTGTGATGGGCGCAGAGGCTCACGTCAACACCTGCTACAACA  
 CTCTATTACTTCGTACAGAGATGAACCTCATAGACCGCAAGGAGCTGGAGCCCTTGAAAGAGATGACA  
 ACCAGGATGTGTCACTAACACTCCACCTCATCTTCTGGAAGAAAGGAACACTGTTCCACAGGAGGCC  
 CATGGGACAGAAAGTGGCCACCGTGGCTGAAAGCGATCCTGACTTCCAGGAGCCGGAAGCCCCACAAG  
 GACCTCTGAAAGACATCTTTACCCACTTCTCGTGTCTTAACCCCTTAAGTGTGCTAGCCAGGACCTG  
 TGGGCCATGTAGACCACAGCATGAAGGACCAGCCTTAACCCCTTGGGCCGAGGACAGTGAAGAGAGGCT  
 GCTGCACTTCCGCCACGTACACTTCTGCCTGTGGCCTGCCCGTAGGCTTTACTGGAATTCAGTTTTT  
 GAGACTGGGGGGTTTGTGTGGTGGTCTTTCCACGTCCGTCTTCTTGACTAACTTCTCTGCACTTAT  
 TTTTCGAAGTTCTAAGCAAACGTGGAGCTACCATATAGGCAGTACGTTCTCTATCCCGTCTCTCCCTCA  
 CTCCCCGAGGCTCTCTGGCCTATGGCTTAACCTTACATGGGGCTTGGAGCTGGGAAAGCCTGCAGTTT  
 CTCTGGAAGCATCCAAGCCGTTTCCCTCATGGGAGTTTACCAGGACCACTTTCTTGATGGGCTACAT  
 GACCTGTACCCAGACAGGCCATTCCCAGGCTACCCTTTGGGACGAGTCTAGATTTATTCTACAGGAAAT  
 AAAGCTGGTGTGTGATCTGTTTACCCTAGTCAGAATGTATTCTTTGTAGCCGCAGTCATTCTAGATGCT  
 TCCATTAAGATATGCTTTCCATTTCCAGAAGAGAGGGAATAAAGTTTTTAAATGACCAGTAAGATCC  
 TTGAGCCAGATTAGTGCAGTGTGTTCTTTATTAAGAGGTAGTGTGCTGATCCTACATATTAT  
 ATTATGGGGGCTTCAGGGACAAGACAACAGACACTTGGTACATGTAGATTAATATTTGTAGACTTCCCA  
 ACTGACCTCTCCATCCTATCCCCCTCTCTTCCATTCTCCCCCTCCCCCTCCCCATCTCTCTCTCTG  
 TTGTCCCTCCATCTCCCGTACTATATGACACAGAATGCATTTCTTCCAGTGGGTGTGCTATAGTCAAGT  
 ACCAAGGCCTTCTTCTCTCATTCAATCTGTCCCTTCCGACCGTCAAAAATAACCATACTGTACTCTCTC  
 CTGCCCTTGGAAAGTTTTAGTAAATGAAATGTTGCCTTCTCTGATTCTTCCACAGAAGTCTGACTGCTG  
 TTGACTAAGAAGTACCCACACTTCCCGTATATTTGATTTTAAATAAAGTATCTGTTGGTGGAGGGAAGTA  
 GAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** BC020028

**Insert Size:** 651 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:** [BC020028](#), [AAH20028](#)

**RefSeq Size:** 2442 bp

**RefSeq ORF:** 651 bp

**Locus ID:** 214944

**Cytogenetics:** 4 16.86 cM

**Gene Summary:** Modulates LATS1 expression in the Hippo signaling pathway which plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis.[UniProtKB/Swiss-Prot Function]