

Product datasheet for **MC202377**

Mob4 (NM_025283) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mob4 (NM_025283) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mob4
Synonyms:	2610109B12Rik; Mobkl3; Phocn; Prei3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058168 sequence for NM_025283
 GTGGCACTATGGTCATGGCGGAGGGGACGGCAGTGCTGAGGCGGAACAGGCCAGGCACCAAGGCGCAGGA
 TTTCTATAAATGGCCTGATGAATCATTTGATGAAATGGACAGTACACTTGCTGTTGAGCAGTATATTTCAA
 CAGAACATAAGGGCAGACTGCTCCAATATTGACAAAATCTTGAACCACTGAAGGCAAGATGAAGGTG
 TATGGAAGTATGAACATTTAAGGCAATCTGCCTGAACTAAATGGACTTGTGTCAAATTCAGAGTGA
 ATGCCATCCAGATACCTGTACTCAGATGACAGCAACTGAACAATGGATTTTTCTTTGTGCAGCTCATAAA
 ACTCCAAAAGAGTGTCCATAGATTATACAAGACACACACTGGATGGTGTGCTGTCTTCTGAATA
 GCAATAAATATTTTCCCAGCAGGTTAGCATAAAAAGAATCATCTGTAGCAAAACTAGGATCAGTGTGCCG
 TAGGATTTATAGAATATTTTACATGCCTATTTTTCATCACCGGCAGATATTTGATGAATATGAAAATGAA
 ACATTTTTATGTCATCGGTTTACCAAATTTGTGATGAAATATAATCTGATGTCGAAGGATAACCTGATTG
 TACCAATTTTAGAAGAGGAAGTTCAGAACTCAGTTTCTGGGGAAAGTGAAGCATGAAGGAATCACGTAGA
 ACAATGTACTGATCACATAATTAACAATGATGTACTGTATATATATCATTTTACACATCAATCATGTA
 TCCATATTATAGCTTATTTGTTTAGTATAGTTTTTGTATGCTATGTGTTGCCTTTTTAAATGGGAAATA
 CATTTTAAGTTATTCATGAGCTGTATTTCACTGGTGTGGCACTCATGGTTTTTAAATCAGTTTAGTATT
 ATCTGTTGATAATGCCTGTTAATAAAAAGACTTTACAGTTTGGTAAATGCTGCTAAACAATCATTGGACCC
 CAGTCCTTCCAATCTATAAACGAATGAGCTTGTGTTTACACAAGCACCTAAACAAGTACTAAAGACAGCA
 TATTTGCTTTGTTTTATCCCTAAGTTTTAATTTAATTTAATTTTAGAAAACCTCAGTAGTATTTCCATCTA
 TACTGTTAACTTTTCCAAAATGAGATAAAAAGTGTTTAAAAGTTCTGTCTATAGCATTTGATCTGCATAAC
 GATTATGTGTATGTTTCAGAGGAACTCGAGGAGCTGTTAGTGATACTTAAGCTCTCTCCTACATAAAGTGT
 ACTCCAGGCCAGTGTACTTGAAACATTGCCTGTTTTGTGACAGTGGATTATTAAGTCCATGGTGACAGT
 GACAAGGCACAAACGTGATGTTCCATGGACTTGCCCTCTTGTTCCTTAGTCTCTGGGAAGTACAC
 TAGTCAGGAAATTTATTTACCGAACTATAGTTAGTGATGGCGCTCCCTATTTATATTTGTATTAATTGC
 TTACAAAGCATACTCATACTAGCAGTGTGTTACACTACAGGAAAACCTGACTGTACAGGAAAACCTGTA
 CTGCCTACCTTTGATTTTTGAAAATTGTTGTAACCTACTAGAAAATAGTCCTTAATATAGTTTGACTTTTC
 CTTTTAGTAATATTAATCTTTTACCTAACCTAGGCAGCATTAAATAGATATGAAAAAAGATAGTGTAT
 TAATTTTATTTTCCCTCCTTAAAAGCTTATTATTTGAATTATATGCACATGTAAGACTATTTACAATAAT
 TCACAGGTTAAGTGGTGTGATAAGTGGTCATACTTTGATTTCTTATTTTCATCGTCTTAAGAATTTAAGT
 GCAGCCGGGCGGTGGTGGCGCACGCTTAAATCCCAGCACTTGGGAGGCAGAGGCAGGTGGATTTCTGAG
 TTGGAGGCCAGCCTGGTCTACAAAGTGAGTTCAGGACAGCCAGGGCTACACAGAGAAACCCTGTCTCAG
 AAAACCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025283

Insert Size: 678 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: [BC058168](#), [AAH58168](#)

RefSeq Size: 1981 bp

RefSeq ORF: 678 bp

Locus ID: 19070

UniProt ID: [Q6PEB6](#)

Cytogenetics: 1 C1.2

Gene Summary: May play a role in membrane trafficking, specifically in membrane budding reactions.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).