

Product datasheet for **MC203601**

Mob3a (NM_172457) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mob3a (NM_172457) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mob3a
Synonyms:	5330417K06Rik; A630029F06; AV218468; Mobkl2a
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058238
 CGAGAGACGGTCCGGACAGCCAGGCCTCTGGGGACCTGTAGCACAGGCCACCATCTTGCCACATTCTTT
 GCTTCCTGTTCTGAGAATCAGGTGCCACTAAGATGTCAAACCCATTCTTAAACAAGTGTCAACAAGGA
 CAAGACATTCAGGCCCAAACGCAAGTTCGAGCCTGGCAGCAGCGCTTCGAACTACACAAGCGTGACAG
 GCATCTCTTAATGCGGGCCTGGATCTGCGGTTGGCTGTGCAGCTGCCGCCAGGTGAAGATCTCAACGACT
 GGGTTGCCGTGCACGTGGTGGATTTCTCAATCGCATCAACCTCATCTACGGTACCATCAGCGATGGCTG
 CACCGAGCAGTCGTGCCAGTCATGTCCGGGGCCCAAGTACGAGTACCCTGGCAGGACGAGCAACGC
 TTCCGGAAGCCACGGCGCTGTCCGCACCCCGCTACATGGACTGCTTATGGACTGGATCGAGGTGCAGA
 TCAACAACGAGGACATCTTCCCCACTAATGTGCGCACACCATTCCCCAAGACCTTCTGCAGGCAGTGCG
 CAAGATCTGTCAAGGCTGTTCCGTGTGTTCTGTGCACGTGTACATCCACCATTTGACCCGCATCGCCAG
 ATGGGCTCTGAGGCGCACGTCAACACCTGCTACAAGCACTTCTACTACTTTGTCACCGAGTTCAACCTCA
 TTGACCCCAAAGAGCTGGAGCCCTGAAAGAGATGACATCACGGATGTGTCAGTGGACCCCTCCCGTC
 CGCTGAGACTTGGGGAGACAACGTGTGCAGCTCGTGTCTCAGGAGCATGGCAGCTCACTACGCCACT
 GTCTGAGGAGCAGCAAGACCACAGCTTCCGCCCTCTCGTGGTACTGTGGCCCTGACTTAACCCGT
 CCCCTTCCGGCATCCAGGCCTGAACCTGAACCTGGACTGTGCTTTCAGCCACTGGGTTTACTACTGT
 ATGTGCCATGGCCTCCGAGAGGAGGCAGGATCTGGAGCCACTGTAAACCACACTTGTCCCTTCTCCATG
 GCTCTCTGCCCTGACAGCTTTGTCCCTCACTTGCCAACCTGGAAGGGGAGGGGCCACCAGATGTCTTCTG
 TTTACAGCCACATTGTGTGTGGGTGACCACATAGGCAGCCAGCATACCTCCAAAGATGAACATAATGTGCC
 ATGCCACCCCAAGCAGCCCAAGGCAGGACTCCAGTATTGGGTGTTCTGGGGTCTTTGTAGGTCAGGA
 AGGGTGCATACACTGCATGCCTATGATCCCAAGACTCTGCAGGCAGTGAAGGAGGATTGCTATAAACT
 TGAGGCCACCCCTGACCTCCACAGTAATGGTCAGGCCAGCCAGGGTCTCATAACAAGATTGCTTAAAAA
 AAATGTAAGGAGCCAGGCAGGGTGGCACAGGCCCTTTGATCCTAGTCAGGAGGCAGTGACAGGCAGATCT
 GTCAATTCGAGGCCGGCTGGTCTACACAGAGAGACCCTGTCTTAAAGAAACAAAACAAACCCGTAAGG
 TTCTGCACAGTGGGGAGGTGTTTCCACGTGAGCGTGAGTGCACATGTGTGACCCCAACCCATGGAGG
 AGCCTGGGAGAGCCAGACATAGGGTGCCAGGGGACAGGGAGAATCAGGCAGCCATGGGCTACCCAGTG
 CGCAGCCACACAAACGCACACACAGACTGGCTCTGTTGTGAACACGGCTGGCTTCATTTCTTTCTTTT
 TTACATTGTTGGTTTGGTTTGAAGTGGCCTGGAACCTCACAGAGATCCTCCTGCCTCTGCATCCCAAGT
 GCTTTGTTAAAGATGTAAGGTACCAACCAAGTCTATTCAGAAATATTTTTGGTTTTGTTGTTTGT
 GTCTTTGTTTTGTTTTGAGACAGGCTTACTATGTAGCCCTGGCTGCTCCTGGAACCTATTCTGTAGGC
 CAGACTGGCCTCAAACCTCACAGATCCACCTGCCTCTGCCCAAGTGTGACCCAGCTCATCTGGAGATT
 TTGGGATTACTGATAACTGGTTTCTAGTGGCCACCTCCTGGGAACAGTATCTGGGCTAACCTGGGATCC
 AGTAATGAATCACTTGTGGCTCCACCCCTTAGATCTGCAGTTCCCTGGAAGGTGGTGACAGGAACCTCTC
 TCTTCAAGTGGCAGCCTATTGTGTAGCAAACTATGTGTGTTGTGTGGCCCTGTGGGCCACAGGACCAAA
 CTCCAGCAGGTCCCTGTCTGTGCATGCCATGGAGGGTGTAGCAGAAATGACTGTTCCAGCTCAAACCTT
 TGAGCCTCATGGCCATTCCTGAGACCTCTGCACTCTCAAGACCCTGAGGAATCTGGTTACTTTCCAG
 AGGCTGCCACTAACTAAATGTGTACAGTTAAGCTTGGTTGCCTGAGCCAGGGCTGAGAGACCCCT
 GGGTACTTCCGAAGTCACTGTGCCAATACCCAGCTCTGGAAGAATCAGGGACCAGCCCTCAAGGCTTG
 ACTGAGTGTATTTCTACCTGTAAGACTTGGCCACCTTGCCAAATCCCAGCAGCCAGGGAGGGTCCAC
 CTGCCTCATTCACTCCCACCTCTGTGCCAGCCTAAGAATAAAGTGGTCTCTCCATAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_172457

Insert Size: 654 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:	<ol style="list-style-type: none">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:	<u>BC058238</u> , <u>AAH58238</u>
RefSeq Size:	2687 bp
RefSeq ORF:	654 bp
Locus ID:	208228
UniProt ID:	<u>Q8BSU7</u>
Cytogenetics:	10 C1
Gene Summary:	May regulate the activity of kinases.[UniProtKB/Swiss-Prot Function]