

Product datasheet for **MC203220**

Mob2 (NM_028308) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mob2 (NM_028308) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mob2
Synonyms: 1110017M21Rik; 2700078K21Rik; AI256456; Mmh
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC037588
 CCACGCGTCCGGAGCGAGCGCGGGCTCCGCGCAGCCATGGACTGGCTCATGGGGAAGTCTAAAGCTAAG
 CCAAACGGCAAGAAACCTGCTGCAGAGGAGAAGAAGTGTACCTGGAGCCGGAGCACACCAAATCCAGGA
 TCACTGACTTTGAATTC AAGGAGCTGGTAGTGCTGCCCGGAGATCGACCTCAACGAGTGGCTGGCCAG
 CAACACAACAACATTTTTTACCACATCAACCTGCAGTATAGCACAATCTCAGAATTTTGCACAGGAGAG
 ACGTGTGACACAATGGCTGTGTGCAACACAATACTACTGGTATGATGAGCGGGGAAGAAGGTCAAGT
 GCACTGCCCCAGTATGTTGACTTTGTCATGAGCTCTGTGCAGAAGCTGGTAACTGATGAAGATGTGTT
 CCCCACAAAATACGGCAGAGAATTCCCCAGCTCCTTCGAGTCTTGGTGAAGAAGATCTGCAAGTATCTG
 TTTACGTGTTGGCCACATCTACTGGGCCACTTCAAGGAGACCCTGGCCCTTGAGCTGCATGGACT
 TGAACACACTGTACGTGCATTTTCCTCTTTGCCAGAGATTCAACCTGCTTGACCCAAAGAAACCGC
 TGTCATGGACGACCTCACTGAGGTGCTGTGCAGCAGCCGGTAACAGTGGTCCACTGGGGATGGGGCC
 AACAGTGGAGCTTCTGGAGCACAGAACCAGTGAAGGAGAGATGAGTTTCCAGGGCCAGATGGGTGCACA
 TGTGCAAAAAGACAACCTGTGTCTGTGTGTGCGCACACATGCCCGGGCTGCTGGTGGCAAGGTCTGAG
 GGCCCCGGGTGCTCAGAGTGTGGGCTTCATGGATGCCGCTGGAGTCAAGGCGTGTTCCTGACTTCCCT
 GTTGGATGGATGAGTGTGTTGTAGTGAAGAGCCTTTGGAGTCAATTCATTCAACAAACATTTATT
 GGACTGATGTTTTGATTTTTCTTGTGGGGTTTTCTTTCTTGGGTCTTCCATGTGGCTTTCCTTCC
 CCCCCTCCCGGGTGGGGGAGCTCTGCGGCTTTGAAAGGAGCACCTTGTGAGAGGTGTCTCCCCTTA
 TGGGCTTGCCCTGCAGATCTGGAGTTCTGTGTGCTTTGGGATGGGCTTTACAGAGGCTGCCCTGC
 AGCTTTCTCCCTAGCTCTTGCCTGGATCTTGGCTCAGAGTCCCTGGGGTAGAGAAGTCTGCCTGGGGT
 ACCCAGGAGGGCCACACCTGCTGCTTGTCTATTACCCTTCTTGTGCTCCTCAGTGCCTCAAGGAG
 GCCCAATTGTGCGTAGGGGCCAGGCCAGCCAGGACTGGCTGAGGCCCTGTGTGAGACAGGGCTATCA
 GCGAAAGGCAGAACTGCTTTAGTTCATCTGTTTCAGACATAATAAACATTCTCTCAGGTCAGAAAAAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_028308



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Insert Size:	708 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:	BC037588 , AAH37588
RefSeq Size:	1487 bp
RefSeq ORF:	708 bp
Locus ID:	101513
UniProt ID:	Q8VI63
Cytogenetics:	7 F5
Gene Summary:	<p>Stimulates the autophosphorylation and kinase activity of STK38 and STK38L. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>