

## Product datasheet for RN203163

### Mob4 (NM\_133528) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mob4 (NM\_133528) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mob4  
**Synonyms:** Mobkl1; Mobkl3; phoecin; Phocn; Prei3  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN203163 representing NM\_133528  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGTCATGGCGGAGGGACGGCAGTGCTGAGGCGGAACAGGCCAGGCACCAAGGCGCAGGATTTCTATA  
 ATTGGCCTGATGAATCATTTGATGAAATGGACAGTACACTTGCTGTTGAGCAGTATATTCAACAGAACAT  
 AAGGGCAGACTGCTCCAATATTGACAAAATTCTTGAACCCTGAAGGTCAAGATGAAGGTGATGGAAG  
 TATGAACATTTAAGGCAATTCTGCCTTGAACAAATGGACTTGCTGTCAAACCTCAGAGTGAGTGCCATC  
 CTGATACTTGTACTCAGATGACAGCAACTGAACAATGGATTTTTCTTTGTGCAGCTCATAAACTCCAAA  
 AGAGTGTCTGCCATAGATTATACAAGACACACTGGATGGTGTGCATGTCTTCTGAATAGCAATAAA  
 TATTTTCCCAGCAGGTTAGCATAAAAGAAATCATCTGTAGCAAACTAGGATCAGTGTGCCGTAGGATTT  
 ACAGAATATTCTCACATGCCTATTTTCATCACCAGCAGATATTTGATGAATATGAAAATGAAACATTTTT  
 ATGTCACCGGTTACCAAATTTGTGATGAAATATAATTTGATGTCGAAGGATAACCTGATTGTACCAATT  
 TTAGAAGAGGAAGTTCAGAATTCAGTTTCTGGGAAAGTGAAGCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_133528  
**Insert Size:** 678 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_133528.1</a></u> , <u><a href="#">NP_598212.1</a></u>
<b>RefSeq Size:</b>	2513 bp
<b>RefSeq ORF:</b>	678 bp
<b>Locus ID:</b>	171050
<b>UniProt ID:</b>	<u><a href="#">Q9QYW3</a></u>
<b>Cytogenetics:</b>	9q31
<b>Gene Summary:</b>	binds striatin family members striatin; SG2NA; and zinedin [RGD, Feb 2006]