

Product datasheet for **MC225534**

Mobp (NM_008614) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mobp (NM_008614) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mobp
Synonyms: AI835053; AI839848; MOBP69; MOBP73; MOBP81; MOBP155; MOBP170; R74645
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225534 representing NM_008614
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGTCAGAAAATGGCCAAGGAGGGCCCCAGGCTCTCCAAGAACCAGAAGTTCTCCGAGCACTTCAGCA
TCCACTGCTGCCACCCCTCACCTTCTCAACTCCAAGCGTGAGATCGTGACCGCAAGTACAGCATCTG
CAAGAGCGGTTGCTTTTACCAGAAGAAGGAGGAGGACTGGATCTGCTGTGCCTGCCAGAAGACTAGATTG
AGGAGGAGGAGCAGGTCAACCCCAAGGAAGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_008614
Insert Size: 246 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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>NM_008614.2</u> , <u>NP_032640.1</u>
RefSeq Size:	3286 bp
RefSeq ORF:	246 bp
Locus ID:	17433
UniProt ID:	<u>Q9D2P8</u>
Cytogenetics:	9 71.41 cM
Gene Summary:	May play a role in compacting or stabilizing the myelin sheath possibly by binding the negatively charged acidic phospholipids of the cytoplasmic membrane.[UniProtKB/Swiss-Prot Function]