

Product datasheet for MC214594

Opcml (NM_177906) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Opcml (NM_177906) Mouse Untagged Clone
Tag: Tag Free
Symbol: Opcml
Synonyms: 2900075O15Rik; 3732419F12; AI844366; B930023M13Rik; C230027C17; Gm181; Obcam
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214594 representing NM_177906
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTACCATCCCCTACTGGATCGTCTTCTCGGCCACCACTGCCCTGCTTTCATCCCAGGAGTGCCGG
TGCGCAGCGGAGATGCCACCTTTCCAAAGCTATGGACAACGTGACGGTCCGGCAGGGGAGAGCGCCAC
CCTCAGGTGTACCATAGATGATCGGGTACCCGGGTAGCCTGGCTAAACCGCAGCACAATCCTCTATGCT
GGGAATGACAAGTGGTCCATAGACCCTCGAGTGATCATTGGTCAACACGCCTACCCAATACAGTATCA
TGATCCAGAATGTGGATGTATACGATGAAGTCCATACACCTGCTCTGTGCAGACAGACAATCACCCCAA
AACCTCCCGGGTCCATCTCATAGTGCAAGTTCTCCCCAGATAATGAACATCTCGTCAGACATTACCGTG
AATGAAGGAAGCAGTGTGACCCTGTTATGTCTTGCAATTGGCAGACCAGAACCAACGGTGACATGGAGGC
ACCTGTCAGTCAAGGGCCAGGGATTTGTGAGTGAAGATGAATACCTGGAAATCTCAGACATCAAACGTGA
CCAGTCTGGGGAGTACGAGTGCAGCGCCTTGAATGACGTCGTCACCTGATGTTCCGAAAGTAAAAATC
ACTGTAACTACCCTCCCTATATCTAAAGCCAAGAACAACCTGGTGTTCAGTGGGTGAGAAGGGCATCT
TGAGCTGCGAAGCCTCTGCTGTCCCGATGGCTGAATTCAGTGGTCAAAGAAGATACCAGGTTAGCCAC
TGGCCTGGATGGGGTGAATGAGAACAAGGCCGCATATCCACTTTGACTTTCTCAATGTCTCAGAG
AAGGATTATGGGAATACTGTGTGGCCACAACAAGCTTGGGAACCAATGCCAGCATCACCTGT
ATGGCCCTGGAGCAGTGATTGATGGTGTAACTCGGCCTCCAGAGCACTGGCTTGTCTCTGGCTCTCAGG
GACCTTCTTGCCCACTTCTCATCAAGTTTGA

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177906



Insert Size: 1014 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [NM_177906.4](#), [NP_808574.2](#)

RefSeq Size: 6002 bp

RefSeq ORF: 1014 bp

Locus ID: 330908

Cytogenetics: 9 13.73 cM