

Product datasheet for MR201298

Omp (NM_011010) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Omp (NM_011010) Mouse Tagged ORF Clone

Tag: Myc-DDK

Symbol: Omp

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >MR201298 representing NM_011010

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGCAGAGGATGGGCCGCAGAAGCAGCAGCTGGAGATGCCGCTGGTTCTGGACCAGGACCTGACCCAGC
AGATGCGGCTCCGAGTAGAGAGCCTGAAGCAGCGTGGGGAGAAGAAGCAGGATGGTGAGAAGCTGATCCG
GCCGGCTGAGTCCGTCTACCGCCTCGATTTCATCCAGCAGCAGAAGCTGCAGTTCGATCACTGGAACGTG
GTTCTGGACAAGCCCGGCAAGGTCACCATCACGGGCACCTCGCAGAACTGGACGCCCGACCCTCACCAACC
TCATGACACCGCCAGCTGCTGGACCCCGCCGCCATCTTCTGGCGCAAGGAAGACTCCGACGCCATGGATTG
GAATGAGGCAGACGCCCTGGAGTTTGGGGAGCCCTTTCTGATCTGGCCAAGATCCGCAAGGTCATGTAT
TTCCTCATCACCTTTGGCGAGGGCGTGGAGCCTGCCAACCTAAAGGCCTCTGTGGTGTTTTAACCAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/mm9050 c10.zip

Restriction Sites: Sgfl-Mlul

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

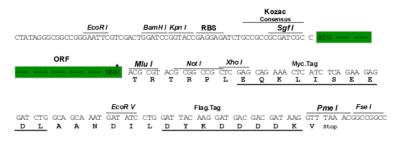
CN: techsupport@origene.cn

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Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_011010

ORF Size: 489 bp

OTI Disclaimer: 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

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 011010.2</u>, <u>NP 035140.1</u>

 RefSeq Size:
 2168 bp

 RefSeq ORF:
 492 bp

 Locus ID:
 18378

 UniProt ID:
 Q64288

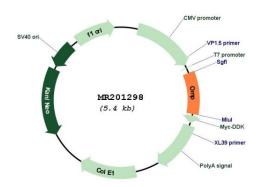
 Cytogenetics:
 7 53.59 cM

 MW:
 19.3 kDa

Gene Summary: May act as a modulator of the olfactory signal-transduction cascade.[UniProtKB/Swiss-Prot

Function]

Product images:



Circular map for MR201298