

OMP cDNA

Catalog Number: ATGD0424

PRODUCT INFORMATION

Catalog number

ATGD0424

Product type

cDNA

Species

Human

NCBI Accession No.

NP_006180.1

Alternative Names

mRNA Refseq

NM_006189.1

OMIM

164340

Chromosome location

11q13.5

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

492bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
 2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA.
- Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

OMP (Olfactory marker protein) is uniquely associated with the mature olfactory receptor neurons in many

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vertebrate species from fish to man. The OMP gene structure and protein sequence are highly conserved between mouse, rat and human.

DATA

Sequence nucleotides

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ATGGCGGAGGACAGGCCGAGCAGCCGAGCTGGACATGCCGCTGGTCCTGGACCAGGGCCTGACCAGGCAGATGCGGC
TACGCGTGGAGAGCCTGAAGCAGCGCGGGGAGAAGCGCCAGGATGGGGAGAAGCTGCTGCAGCCAGCGGAGTCTGTGTA
CCGCTCAACTTCACCCAGCAGCAGCGGCTACAGTTCGAGCGCTGGAATGTCGTGCTGGACAAGCCGGGCAAGGTCACCA
TCACAGGCACCTCGCAGAACTGGACGCCTGACCTACCAACCTCATGACACGCCAGCTGCTGGACCCCACTGCCATCTTCT
GGCGCAAGGAGGACTCGGATGCCATAGATTGGAATGAGGCCGACGCCCTGGAGTTTGGGGAGCGCCTGTCGGACCTGGC
CAAGATCCGCAAGGTCATGTACTTCCTCGTCACCTTTGGCGAGGGTGTGGAGCCCGCCAACCTCAAGGCCTCCGTGGTTTT
TAACCAGCTCTGA
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Transaction Sequence

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MAEDRPQQPQ LDMPLVLDQG LTRQMRLRVE SLKQRGEKRQ DGEKLLQPAE SVYRLNFTQQ QRLQFERWNV VLDKPGKVTI
TGTSQNWTPD LTNLMTRQLL DPTAIFWRKE DSDAIDWNEA DALEFGERLS DLAKIRKVMY FLVTFGEGVE PANLKASVVF
NQL
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