

Product datasheet for **MC220467**

Olfml2a (NM_172854) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Olfml2a (NM_172854) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Olfml2a
Synonyms:	4932431K08Rik; mFLJ00237
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC220467 representing NM_172854

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

 ATGGAAGCGGCAGCTGTCTGCCTAGGTACCTACAGTTGAGGCTTCTGCTGGTGTCTGCTGCTGGTTT
 TGCTTCGGGCTGGTCCTGTGTGGCCGACAGTAAGGTATTCAGTGACCTGGACCAGGTTCGGATGACCTC
 AGAGGGCTCTGACTGCCGCTGCAAATGCATCATGCGACCGCTGAGCAAGGATGCATGCAGCCGGTGCGA
 AGTGGGCGAGCAGAGTAGAGGACTTCTACACTGTGGAGACAGTGAGCTCCGGGGCTGACTGCAGGTGCT
 CCTGCACCGCCCCGCCCTCCTCACTCAACCCCTGTGAGAACGAGTGGAAGATGGAGAACTGAAGAAGCA
 GGCACCTGAGCTCCTCAAGCTGCAGTCTATGGTGGATCTCCTGGAGGGTGCCTGTACAGCATGGATCTG
 ATGAAAGTGCATGCCTACATCCAGAAGGTGGCCTCCCAGATGAATACGCTGGAGGAGAGCATCAAGGCCA
 ACCTGAGCCTGGAGAACAAGGTGGTGAAGACAGCGTACACCACCTCAGTGAGCAACTGAAGAGCTATGA
 GAACAGTCAGCCATCATGATGAGCATCAAGAAGGAGCTGTCTAGCCTGGGCCTCCAGTTGCTGCAGAGG
 GATGCAGCCGCTGTCCCTGCCACTGCCCCAGCCTCAAGCCCCGACAGCAAGGCTCAGGACACAGCTGGAG
 GGCAAGGCAGAGATCTCAACAAATATGGCAGCATACAGAAGAGCTTCTCAGACAAGGGCCTGGCAAAGCC
 TCCCAAGGAGAAGCTGCTGAAAGTGGAGAAGCTGAGGAAGGAGAGCATCAAGGGCAGAATACCCAGCCC
 ACAGCCAGGCCACGTGCGCTGGCTCAGCAGCAGGCACTGATCCGAGGCTTACCTACTACAAGGCAGGCA
 GACAGGAGGCCAGACAGGAGGCCAGACAGGAGGCCACCAAGGCTGCCGCTGACAGCACCTCAAAGGAAC
 TTCCTGGCTGGAGAAGCTACCACCAAGATAGAGGCCAACTTCCGGAACCTAACTCTGCCAAACATGAT
 GACGTCCGGCTGCAGGCTTCAGAAGGAGGCAACTTGACCCCTGACATTACCACCACCACCAGTACCA
 GCAGCAGCACCACCACCTACTGGCACCACCAGCACCACCAGCACCACCAGCACCACCAGCACCACCAC
 CCCAAGCCCTATCACCCTCCCTGGCCTACTGAGCCACCTTTGCATCCAGAAGTCCCAGCCAAGGTCGG
 GAGGACAGCTGTGAGGGCACACTCAGAGCTGTGGATCCCCCTGTGAAACACCACAGTTATGGGCGCCATG
 AGGGGGCTGGATGAAGGACCCTGCAGCTCTTGATGACAGGATCTATGTCACCACTACTACTACGGAAA
 CAGCCTGGTGGAGTTTCGAAACCTGAAAATTTCAAACAAGGCCGATGGAGTAATATGTATAAACTACCC
 TACAACCTGGATAGGCACAGGCCATGTTGTGTACCAGGGTGCCTTCTACTACAACCGTGCCTTACCAAGA
 ATATCATCAAATATGACCTGCGCAACGCTTTGTGGCCTCCTGGGCCCTGCTGCCTGATGTGGTCTATGA
 GGACACCACACCCTGGAAGTGGCGTGGCCACTCGGACATTGATTTTGGCGTGGATGAGAGCGGCCTGTGG
 GTCATCTACCCAGCTGTGGATGAGCATGACGAAACACAGCATGAGGTGATTGTGTTGAGCCGCTGGACC
 CAGCAGACCTCTCTGTGCACCGGAGACCACGTGGAAGACACGGCTGAGGAGGAACCTCTATGGGAACCTG
 CTTTCTGGTGTGCGGCATCCTCTACACCGTGGACACTTACAACCAGCATGAAGGCCAGGTGGCCTATGCG
 TTCGACACCCACACTGGCACTGATGCTCACCACAGTTGCCCTTCTCAATGAGTATTCCTATACCAACC
 AGGTTGACTACAACCCCAAGGAGCGGGTCTCTATGCCTGGGACAATGGCCACCAGCTCACTTACACTCT
 CCACCTTGTGGT**CTGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_172854

Insert Size:

2046 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_172854.2 , NP_766442.1
RefSeq Size:	2409 bp
RefSeq ORF:	2046 bp
Locus ID:	241327
UniProt ID:	Q8BHP7
Cytogenetics:	2 B