

Product datasheet for **MC218698**

Olfm4 (NM_001030294) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Olfm4 (NM_001030294) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Olfm4
Synonyms:	GC1; Gm296; Gm913; GW112; OlfD; pPD4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218698 representing NM_001030294
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTTACAGCCTTCTCTTTCTCTGCCCCTTACAGTTCTGCCTTGGCTCTGCCTCCCGGACAACCTCTGA
 CCTCTGCACATTCGCCGGGAATTGACCACACCTCCAACATCACCCAGGCTACAGCTGCCTGGTTGCCTCC
 GGGAGGCACTTCTTGGGAGAGAGTGGGACTGTGTCTCAGCCACTTTCCAATTTACTGGGTCTGTGGAC
 AGCCATGGGACCTGCCAGTGTCTGTTTCCCTGCCGGATACCGCCTTTCCCGCTGACAGAGTGGAGCGCT
 TAGAGTACACAGCTCACATCCTTTCTCAGAAAATTCGAGAGAGAGTTTTCTAAGGTGAAGGAGTATGTCCA
 GCTAATAAGTGTGTATGAGAAGAGGCTCCTGAACCTGACGGTCCGAGTAGAGGTATGGAGAAGGACAGC
 ATCTCTTACACAGAAGTGGACTTTGAGTTGATCAAGCTGGAAGTGAAGGAGATGCAAAAAGTGGTCTTAC
 AGCTGAAGAAGAATTTTGTGGAAGTACACATATTATTGACATGCTCGAAGTGGAGATAAGGAATATGAC
 CCTCTTGGTAGAGAAGCTGGAGTCTCTAGACAAAACAATGTCCCTAGCATTCCGCCAGATCTTGGCT
 CTGAAGACCAAGCTGAAAGAATGTGAGGCTCCAAAAGTACCTTGTGCCTGCCACACCCCTCCTCCTG
 CTCTGGAAAGCTGTTAGGAGCAGCTGGAAGTATCCTCTGGATCCTGAACTTTTGGTGCTTTTCTCTTTT
 CCACCAGCACACGAAAAATGTTTCATTGGCCCTTGAAGCTGTAGTCATGGTGGCGTGGTGAACATCAGC
 GCTCCTTCTGTGATTCAGCTCAACTGGCTGGGTTTAGTTATAAATATGGTGCCTGGGGCCGAGATTACT
 CTCCTCAGCATCCAGAGAGAACCCTGTACTGGTGGCACCTTTGAATACAGATGCAAGGGCTCTAGAGTA
 TTACAGACTTTACGACTCATTGGACAATTTGTTAATCTATTCCCCTCCGAGACTATCGGATTCGCTAT
 GGCCAAGGAGGTGGTACAGTAGCATTCAACAACAACCTGTATGTGAATTGGTACAATGGGGGAACATTG
 CCAAAAATTAATCTAACTACCAATGTAGTTGATGTGAATCGGCCCTCCCTCTGGCTGCCTACAATAATCG
 CTCTCATATGCTAATGTGAATTGGCAAGACATTGACCTTGCTGTGGATGAGCAAGCACTGTGGCAATT
 TATGCAACTGAGGCCAGCACTGGTAACATAGTGATTAGTAACTCAATGACACCCTCTTGGGTGATAA
 GCACCTGGGTTACCAAGCAGTACAAGCCATCTGTTTCGAATGCCTTCATGGTATGTGGAGTCTTTATGC
 TACTCGCACTTTGAACACCAAAACAGAAGAGATCTTTACTATTATGACACAAACACAGAGAGGGGAAGGC
 AACCTAGGCATCACAATGAGAAAGATGCAGGAAAGAATTCAGAGCATCAATTACCATCCCTTTGACCAAA
 AACTTTATGTCTATAATGATGGTTATCTTCTGAACTATGATCTTGTCTTCTTACAGACGCCAGGCAACC
 TGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2366_h08.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_001030294

Insert Size: 1617 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_001030294.1](#), [NP_001025465.1](#)

RefSeq Size: 1640 bp

RefSeq ORF: 1617 bp

Locus ID: 380924

Cytogenetics: 14 D3