

## Product datasheet for **MC205585**

### Olfml3 (NM\_133859) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Olfml3 (NM\_133859) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Olfml3  
**Synonyms:** 2810002E22Rik; AI115209; AW550633; HNOEL-iso; mONT3; ONT3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC005485  
 ACTTAAGGCTGCCATGGGCCCCAGTGCTCCTCTGCTGCTCCTCTTCTTTTTGTCATGGACGGGACCCCTT  
 CAGGGACAGCAGCACCTTGTGGAGTACATGGAACCGCGACTAGCTGCCTTAGAGGAACGGCTGGCCC  
 AATGCCAGGATCAGAGTAGTCGGCATGCTGCCGAGCTTCGGGACTTCAAAAACAAGATGTTGCCTCCTCT  
 GGAGGTGGCAGAGAAGGAGCGGGAGACCCTCAGAACTGAAGCAGACTCCATCTCAGGAAGAGTGGACCGT  
 CTTGAAAGGGAGGTAGACTATCTGGAGACACAGAACCCAGCTTTGCCCTGTGTAGAGCTGGATGAGAAGG  
 TGACTGGAGTCTGGAGCCAAAGGCAAGGGCCGAAGAAATGAGAAATACGATATGGTGACGGACTGTAG  
 CTACACAGTCGCTCAGGTGAGGTCAATGAAGATCCTGAAGCGGTTTGGTGGTTCAGCTGGCCTATGGACC  
 AAGGATCCGCTGGGGCCAGCAGAGAAGATCTACGTGTTAGACGGCACCCAGAACGACACGGCTTTTGTCT  
 TCCCAAGGCTGCGTGACTTCACCCTTGCCATGGCTGCCCGAAAGCTTCCCGAATTCGGGTGCCCTTCCC  
 CTGGGTAGGCACGGGGCAGCTGGTGTACGGTGGCTTCTTTATTATGCTCGAAGGCTCCTGGAGGACCT  
 GGAGGGGTGGTGAATTGGAGAACACTCTGCAGCTGATCAAATTTCACTTGGCAAACCGAACAGTGGTGG  
 ATAGCTCAGTGTTCCCTGCAGAGAGCCTGATACCCCCCTACGGCCTGACAGCAGATACATATATCGACCT  
 GGCAGCTGATGAGGAGGGCTGTGGGCTGTCTATGCCACTCGAGATGATGACAGGCAATTTGTGTCTAGCC  
 AAGTTAGACCCACAGACACTTGACACAGAGCAGCAGTGGGACACACCATGTCCCAGAGAGAACGCAGAGG  
 CTGCGTTTGTCTCTGTGGGACCCTGTACGTTGTCTATAACACCCGCCCTGCCAGTAGGGCTCGTATTCA  
 GTGTTCCCTTCGATGCCAGTGGTACTCTCGCCCCGAAAGGGCAGCACTCTCCTATTTTCCACGCCGATAT  
 GGTGCCATGCCAGCCTTCGCTATAACCCCGTGAAGGAGGAGGAAGTTTAAAGCAGCTAGCCTTGTGCTTGT  
 TATGCCCCAGACATTTATATTCCTGTGAGCTCTCCTGCAGTTCATCCTTCAAAACGAAGGCCAGTGGTGGT  
 AGCTCATATACCCTAATTTCTAAAGGACAACCAATTCTCAAGCCCTCTGTTTTATGCAGAACTCCAGA  
 TCCTGGGTAGCATTTTAGAACTGAACAGCAAAACACCCCTAAATCTTCACTCCTGCCCTATGTCCACA  
 AAGTTTAGTTCCAACTCAGAGCCCTGTCTTTGGAGAGGGTCAACCCAGACAGCAGGGCAGCAGCATTCT  
 TTGCCCTCAGTATGACCGAAGGGAGAGAACTCAGAGACAAAGCTGCCCTCCCTCCCTTCCCCCTCCAGTG  
 TAGGGGAGAATGGGGCTTCCCCACATCACTTTGTATGGTAACAGTTTGCATTAAGGAAAACCCACAA AAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI



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<b>ACCN:</b>	NM_133859
<b>Insert Size:</b>	1221 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC005485</a> , <a href="#">AAH05485</a>
<b>RefSeq Size:</b>	1695 bp
<b>RefSeq ORF:</b>	1221 bp
<b>Locus ID:</b>	99543
<b>UniProt ID:</b>	<a href="#">Q8BK62</a>
<b>Cytogenetics:</b>	3 F2.2
<b>Gene Summary:</b>	Secreted scaffold protein that plays an essential role in dorsoventral patterning during early development. Stabilizes axial formation by restricting chordin (CHRD) activity on the dorsal side. Acts by facilitating the association between the tolloid proteases and their substrate chordin (CHRD), leading to enhance chordin (CHRD) degradation (By similarity). May have matrix-related function involved in placental and embryonic development, or play a similar role in other physiological processes (By similarity).[UniProtKB/Swiss-Prot Function]