

Product datasheet for **SC337375**

OLFML2B (NM_001297713) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OLFML2B (NM_001297713) Human Untagged Clone
Tag:	Tag Free
Symbol:	OLFML2B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001297713, the custom clone sequence may differ by one or more nucleotides

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ATGGCCAAGCCTCGGCTGCTAGTTCTCTACTTCGCTCTGATTGTGGTCCGGCCTGGGTGCCAGCATTG
TCCTCACAGGGACAAGCGAGCCCCAGATGCCAGACAGTGGCGCCTGCGGAGGACGAGACTCTGCAAAA
CGAGGCGGACAACCAGGAGAACGTTTTATCTCAGTTGCTGGGGGACTATGACAAGGTCAAGGCTATGTCT
GAGGGCTCGGACTGTCAAGTGTGTGGTGTGAGACCCCTGGGCGGGATGCCTGCCAGAGGATCAATG
CGGGGGCCTCCAGGAAGGAAGACTTCTATACCGTGGAAACCATCACCTCAGGCTCGTCTGCAAGTGTGC
CTGTGTAGCACCCCCATCGGCCCTCAATCCCTGCGAGGGAGACTTCAGGCTCCAGAAGCTGCGGGAGGCA
GACAGCCAGGACTTGAAGCTCTCCACAATCATAGACATGTTGGAAGGAGCGTTCTATGGCCTGGATCTCC
TGAAGCTACATTCAGTACCACCAAAGTGGTGGGCGAGTGGATAAACTGGAGGAGGAAGTGTCTAAAAA
CCTCACCAAGGAAAATGAACAAATCAAAGAGGACATGGAAGAAATTCGAACCGAGATGAATAAGCGAGGC
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CAACTCCATCGAACTTCTGCAGACGCGACCCCTGGCTCTGCCTGAGGTGGTGAAGTACAGCGGCCCTG
CAGAGGCAGGTCCACCTGAGAGGCCGGCCGGCCTCCCAGCCCACTGTCATCCGGGGCATCACCTACTATA
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CAGCACTGCCACAGCCCTCGACCTCAGATCCCAGCATCGCCAACCATGCCTCAGTGGGACCAACTCCA
AACAACTCGGTGTCTCCAGATCCCACAAGGGAGTCAGTCTGCAGCCTTCTCCTCAGGTACCAGCCACC
ACTGTGGCCACACAGCCACCCAGCAACCAGCAGCCCACTCCTCCGGCAGTGTCTCCAGGGAGGCAT
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CAACACCCTGGTAGATTCCGGAACCTGGAGAACTTCAAACAAGGTGCTGGAGCAATTCCTACAAGCTC
CCGTACAGCTGGATCGGCACAGGCCACGTGGTATAACAATGGCGCCTTCTACTACAATCGCGCCTTACCC
GCAACATCATCAAGTACGACCTGAAGCAGCGCTACGTGGCTGCCTGGCCATGCTGCATGACGTGGCCTA
CGAGGAGGCCACCCCTGGCGATGGCAGGGCCACTCAGACGTGGACTTTGCTGTGGACGAGAATGGCCTA
TGCTCATCTACCCGGCCCTGGACGATGAGGGCTTCCAGCCAGGAGGTATTGTCCTGAGCAAGCTCAATG
CCGCGGACCTGAGCACACAGAAGGAGACCACATGGCGCACGGGGCTCCGGAGGAATTTCTACGGCAACTG
CTTCGTCATCTGTGGGTGCTGTATGCCGTGGATAGCTACAACCAGCGGAATGCCAACATCTCTACGCT
TTCGACACCCACACCAACACACAGATCGTCCCCAGGCTGCTGTTCCGAGAATGAGTATTCCTATACGACC
AGATAGACTACAACCCCAAGGACCCGCTGCTCTATGCCTGGGACAATGGCCACCAGGTCACTTACCATGT
CATCTTTGCCTACTGA
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001297713

OTI Disclaimer: 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).

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:	<ol style="list-style-type: none">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_001297713.1, NP_001284642.1</u>
RefSeq Size:	3799 bp
RefSeq ORF:	2256 bp
Locus ID:	25903
UniProt ID:	<u>Q68BL8</u>
Cytogenetics:	1q23.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>This gene encodes an olfactomedin domain-containing protein. Most olfactomedin domain-containing proteins are secreted glycoproteins. [provided by RefSeq, Dec 2016]</p> <p>Transcript Variant: This variant (1) uses an alternate in-frame splice site in the 5' coding region, compared to variant 3. The encoded isoform (1) is shorter than isoform 3. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>