

Product datasheet for **RC239481**

OLFML2B (NM_001297713) Human Tagged ORF Clone

Product data:

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



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239481 representing NM_001297713
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCCAAGCCTCGGCTGCTAGTTCTCTACTTCGCTCTGATTGTGGTTCCGGCCTGGGTGTCCAGCATTG
 TCCTCACAGGGACAAGCGAGCCCCAGATGCGCAGACAGTGGCGCCTGCGGAGGACGAGACTCTGCAAAA
 CGAGGCGGACAACCAGGAGAACGTTTTATCTCAGTTGCTGGGGGACTATGACAAGGTCAAGGCTATGTCT
 GAGGGCTCGGACTGTCAAGTGTGTGGTGAGACCCCTGGGCCGGGATGCCTGCCAGAGGATCAATG
 CGGGGGCCTCCAGGAAGGAAGACTTCTATACCGTGAAACCATCACCTCAGGCTCGTCGTCAAGTGTGC
 CTGTGTAGCACCCCCATCGGCCCTCAATCCCTGCGAGGGAGACTTCAGGCTCCAGAAGCTCGGGAGGCA
 GACAGCCAGGACTTGAAGCTCTCCACAATCATAGACATGTTGGAAGGAGCGTTCTATGGCCTGGATCTCC
 TGAAGCTACATTCAGTCACCACAACTGGTGGGGCGAGTGGATAAACTGGAGGAGGAAGTGTCTAAAAA
 CCTCACCAAGGAAAATGAACAAATCAAAGAGGACATGGAAGAAATTCGAACCGAGATGAATAAGCGAGGC
 AAAGAAAATTGCTCTGAAACATCCTAGATAGCATGCCAGACATCCGCTCAGCCCTGCAGAGGGATGCAG
 CAGCAGCCTACGCCCACCCAGAGCAGTATGAAGAGCGTTTCTGCAGGAAGAAACCGTGTCCCAGCAGAT
 CAACTCCATCGAAGTTCTGCAGACGCGACCCCTGGCTCTGCCTGAGGTGGTGAAGTCACAGCGGCCCTG
 CAGAGGCAAGTCCACCTGAGAGGCCGGCCGGCCTCCCAGCCCACTGTCATCCGGGGCATCACCTACTATA
 AAGCCAAGGTCTCTGAAGAAGAGAATGACATTGAAGAGCAGCAAGATGAGTTTTTCAGCGGTGACAAATGG
 AGTGGATTTGCTGATTGAAGATCAGTCTCTGAGACACAACGGCCTGATGACCAGTGTACCCGGAGGCCT
 GCAGCCACCCGTGAGGACACAGCACTGCTGTGACAAGCGACCTGAACGCTCGGACCGCACCCCTGGTCT
 CAGCAGTCCACAGCCCTCGACCTCAGATCCCAGCATCGCCAACCATGCCTCAGTGGGACCAACTCCA
 AACAACTCGGTGTCTCCAGATCCCACAAGGGAGTCAGTCTGCAGCCTTCTCCTCAGGTACCGACCAAC
 ACTGTGGCCACACAGCCACCCAGCAACCAGCAGCCCCAGCTCCTCCGGCAGTGTCTCCCAGGGAGGCAT
 TGATGGAAGCTATGCACACAGTCCAGTGCCTCCACACAGTCAGAACAGACTCGCTGGGGAAGATGC
 TCCTGCTGGGTGGGAACAACCCCTGCCAGCCCCACGCTGAGCCCCGAAGAAGAAGATGACATCCGAAT
 GTCATAGGAAGGTGCAAGGACACTCTCTCCACAATCACGGGGCCGACCCAGAACACATATGGGCGGA
 ATGAAGGGGCTGGATGAAGGACCCCTGGCCAAGGATGAGCGGATTTACGTAACCAACTATTACTACGG
 CAACACCCTGGTAGAGTCCGGAACCTGGAGAATTCAAACAAGGTGCTGGAGCAATTCCTACAAGCTC
 CCGTACAGCTGGATCGGCACAGGCCACGTGGTATACAATGGCGCCTTCTACTACAATCGCGCCTTACCC
 GCAACATCATCAAGTACGACCTGAAGCAGCGCTACGTGGCTGCCTGGGCCATGCTGCATGACGTGGCCTA
 CGAGGAGGCCACCCCTGGCGATGGCAGGGCACTCAGACGTGGACTTTGCTGTGGACGAGAATGGCCTA
 TGGCTCATCTACCCGGCCCTGGACGATGAGGGCTTCAGCCAGGAGGTATTGTCTGAGCAAGCTCAATG
 CCGCGGACCTGAGCACACAGAAGGAGACCACATGGCGCACGGGGCTCCGGAGGAATTTCTACGGCAACTG
 CTTCTCATCTGTGGGTGCTGTATGCCGTGGATAGCTACAACCAGCGGAATGCCAACATCTCTACGCT
 TTCGACACCCACCAACACACAGATCGTCCCCAGGCTGCTGTTGAGAATGAGTATTCTATACGACCC
 AGATAGACTACAACCCCAAGGACCGCTGCTCTATGCCTGGGACAATGGCCACCAGGTCACTTACCATGT
 CATCTTTGCCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239481 representing NM_001297713
 Red=Cloning site Green=Tags(s)

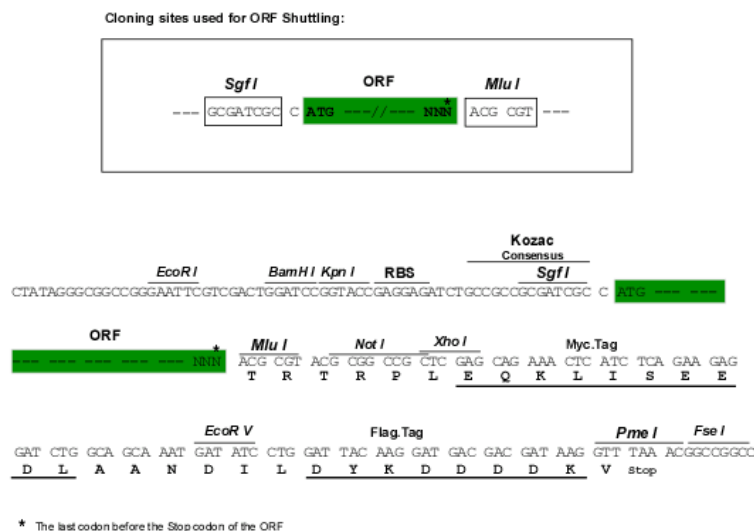
MAKPRLLVLYFALIVVPAWVSSIVLTGTSEPPDAQTVAPAEDELQNEADNQENVLSQLLGDYDKVKAMS
 EGSDCQCKCVVRPLGRDACQRINAGASRKEDFYTVETITSGSSCKCACVAPPSALNPCEGDFRLQKLREA
 DSQDLKLSTIIDMLEGAFYGLDLLKLHVSITKL VGRVDKLEEEVSKNLTKENEQIKEDMEEIRTEMNKRK
 KENCSENILDSMPDIRSALQRDAAAAYAHPEQYEERFLQEETVSQQINSIELLQTRPLALPEVVKSQRPL
 QRQVHLRGRPASQPTVIRGITYYKAKVSEEENDIEEQDEFFSGDNGVDLLIEDQLLRHNGLMTSVTRRP
 AATRQGHSTAVTSDLNARTAPWSSALPQPSTSDPSIANHASVGPTLQTTSVSPDPTRESVLQSPQVPAT
 TYAHTATQQAAPAPPVSPREALMEAMHTVPVPPTTVRTDSL GKDAPAGWGTPASP TLSPEEEDDIRN
 VIGRCKDTLSTITGPTTQNTYGRNEGAWMKDPLAKDERIYVTNYYYGNTLVEFRNLENFKQGRWSNSYKL
 PYSWIGTHGVYNGAFYYNRAFTRNIIKYDLKQRYVAAWAMLHDVAYEEATPWRWQGHSDVDFAVDENGL
 WLIYPALDDEGFSQEVIVLSKLNADLSTQKETTWR TGLRRNFYGNCFVICGVL YAVDSYNQRNANISYA
 FDTHTNTQIVPRLLFENEYSYTTQIDYNPKDRLLYAWDNGHQVTYHVIFAY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001297713

ORF Size: 2253 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001297713.1](#), [NP_001284642.1](#)

RefSeq Size: 3799 bp

RefSeq ORF: 2256 bp

Locus ID: 25903

UniProt ID: [Q68BL8](#)

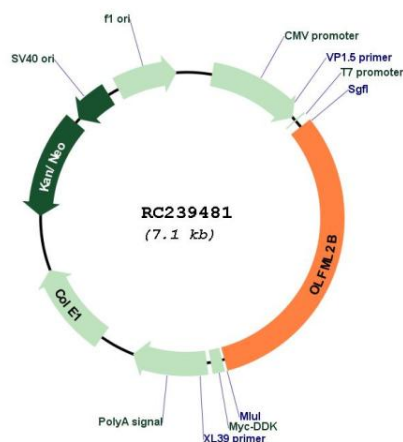
Cytogenetics: 1q23.3

Protein Families: Druggable Genome, Transmembrane

MW: 84.6 kDa

Gene Summary: This gene encodes an olfactomedin domain-containing protein. Most olfactomedin domain-containing proteins are secreted glycoproteins. [provided by RefSeq, Dec 2016]

Product images:



Circular map for RC239481