

## Product datasheet for **RR204315**

### Odf3l1 (NM\_001108151) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Odf3l1 (NM\_001108151) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Odf3l1  
**Synonyms:** RGD1304976  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR204315 representing NM\_001108151  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAAACAGTTCGAGAGGGCCAGGAACTATGTGTTCTACGCACAGCACCCAGAGAAGGAGGAAGAGGTAC  
CCTCATGGCAGGAAATCAAGCAGACCCCTGTTGTCATGGCCACAATCAAAGGTCCAGGGCCTGCCAAGTA  
CCTGCGGCCATCTTGACTGGCTACATAGCCCATGACATCTCCATGTTCCAGGAGCCAGCCTTCAGTCTG  
CATACACGGCACACTAAGAAACGGATCACTGACGAAAACAGCCCTGGACCTTGCTATTTTTGGATCCCA  
AAGTAACTCGTTTTGGAATATCTACCTGTCCCCAGGTTCCCATGGAGGAGCGCATCCCCAACCTACGCAT  
AACTAGTACGCCAGCCTCTTGCTACTACAACTCCAGAAGACCCAACCCTCTGGGGAACGTAGGCCTCCC  
CAGTACTCTTTGGCTATCGGTGTCCATATAGAGTGATGGACCCAATCCGGCTCCTAACCGGTACAAGC  
TGCCATCTCTCTGGGGCCAACGTCCCCAACCTCAACTGCCCTTGCTATGGTCTGGCTTCCACAAA  
CAAGAACTGGTCCACAAGGAGAATATAGCAGGAGGTCTGGACCTGCTATGCGTACGCGACCTGAGCCG  
TCTGTCTACCAGAACCGCAGCCCCGTGTTAGCATGGCCAAGCGCTTGCCTACCCTCTGGACCACACAC  
TTCGGCCTGGCCAGGCTCCCACAACATCCAGCCAGTCACTGTGCACAAGCCCCGCATCCCTGCCTTCAC  
CATGGGCATCAAACACTACCCCACTTGTGCCATTGATTGTGGACATTTGTGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >RR204315 representing NM\_001108151  
 Red=Cloning site Green=Tags(s)

MKQFERARNYVFYAQHPEKEEEVPSWQEIQTPTVVMATIKGPGPAKYLRPSTGYIAHDISMFPQEPFSL  
 HTRHTKKRITDENSPGPCYFLDPKVTRFGISTCPQVPMEEERIPNLRLITSTPASCYINLQKTQPSGERRPP  
 QYSFGYRCPYRMDPNPAPNRYKLPSSLGPNVNLSTAPCYGLASTNKNWFHKENIAGGPGPAMTRPEP  
 SVYQNRSPVFSMAKRFAAYPLDHTLRPGPGSHNIQPVTVHKPRIPAFMTMGIKHSPHLCLPLIVDIDC

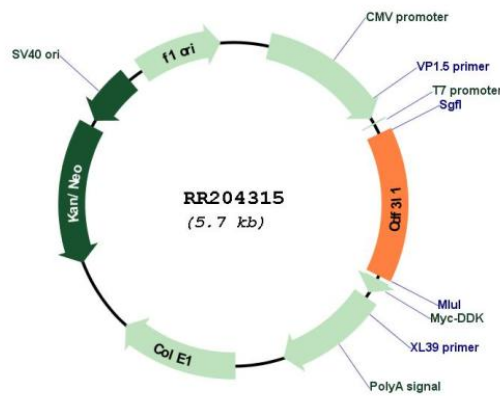
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001108151  
**ORF Size:** 825 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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="#">NM_001108151.1</a> , <a href="#">NP_001101621.1</a>
<b>RefSeq Size:</b>	977 bp
<b>RefSeq ORF:</b>	828 bp
<b>Locus ID:</b>	315695
<b>Cytogenetics:</b>	8q24
<b>MW:</b>	31.1 kDa