

## Product datasheet for RN206427

### Olr1 (NM\_133306) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Olr1 (NM_133306) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Olr1
Synonyms:	LOX-1; Oldlr1; Oldr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206427 representing NM_133306 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAATTTGGAATGGCTTTTGATGACAAGATGAAGCCTGTGAATGGCCAGCCTGATCAGAAGTCATGTG  
GCAAGAAGCCTAAAGGGCTGCATTTGCTTTCTCCACATGGTGGTCCCTGCTGCTGACTCTGGCCAT  
CCTTTGCCTAGTGTATCAGTGACCCTTATTGTACAGCAGACACAGTTACTCCAGGTATCTGACCTCCTA  
AAGCAATACCAAGCAAACCTTACTCAGCAGGATCATATCCTGGAGGGCAGATGTAGCCCAAGAAAG  
CAGAAAATGCTTCACAAGAATCAAAGAGGGAAGCTGAAGGAACAGATAGACACCCTCACCTGGAAGCTAAA  
CGAGAAAATCCAAGAGCAGGAGAAGCTTCTGCAGCAGAATCAGAACCTCCAAGAAGCCCTGCAGAGAGCT  
GTGAACGCTTCAGAGGAGTCCAAGTGGGAAGCTGAAGGAACAAATAGACATTCTCAACTGGAAGCTGAATG  
GGATATCCAAGAGCAGAAAGGAGCTTCTGCAGCAGAATCAGAACCTCCAAGAAGCCCTGCAGAAAGCTGA  
GAAATATTCAGAGGAGTCCCAGAGAGAAGTGAAGGAACAGATAGACACCCTCAGCTGGAAGCTAACCGAG  
AAATCCAAGAGCAGGAGGAGCTTCTGCAGCAGAATCAGAATCTTCAAGAAGCCCTGCAGAGAGCTGCAA  
ACTCTTCAGTCTTGTCCACAAGACTGGATCTGGCATAAAGAAAAGTGTACCTTTCCATGGGCCCTT  
TAACTGGGAAAAAAGTCGGGGAATTGCCTATCTTTAGATGCCAGTACTACAAATTAGTACCACAGAT  
GATCTGAACTTCGTCTTACAAGCAACTCCCATCCACCTCCCATTTTGGATGGGATTACATCGGAAAA  
ATCCCAACCACCCATGGCTATGGGAGAAGCGCTCTCCTTTGAGTTTTCAATTCTTTAGGACCAGGGGCGT  
TTCTTTACAGATGTACTCATCAGGCACCTGTGCATATATTCAAGGAGGAGTTGTGTTTGTGAAAAGTGC  
ATTTTAACTGCATTACAGCATATGCAGAGAAGGCAAATTTATTGCTAACTCAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAAGTCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_133306



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<b>Insert Size:</b>	1107 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>	<u>NM_133306.2, NP_579840.2</u>
<b>RefSeq Size:</b>	3751 bp
<b>RefSeq ORF:</b>	1107 bp
<b>Locus ID:</b>	140914
<b>UniProt ID:</b>	<u>O70156</u>
<b>Cytogenetics:</b>	4q42
<b>Gene Summary:</b>	receptor for oxidized low-density lipoprotein that may be involved in pathogenesis of hypertension as well as atherosclerosis [RGD, Feb 2006]