

## Product datasheet for **RN216301**

### Ldlrad4 (NM\_001271365) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ldlrad4 (NM\_001271365) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ldlrad4  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN216301 representing NM\_001271365  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGC**C

ATGCCGGAAGCTGGTTTTTCAGGCCACAAACCGCTTACAGAGTGCAAATTCACCTGCACCAGCGGTAAT  
GCTTGTATCTTGGTTCTCTGGTCTGTAACCAACAGAACGACTGTGGGGACAACAGTGACGAAGAGAACTG  
TCTCCTGGTGACTGAACATCCACCGCCAGGCATCTTCAACTCGGAAGTGGAGTTCGCGCAGGTCCTCATC  
ATTGTCGTGGTGGTGACGGTGATGGTGGTGGTTCGTCGCTGCCTACTGAACCACTACAAAGTCTCCACAC  
GTTCTTCATCAACCGCCCAACAGAGCCAGAGACAGGAGGACGGGCTGCAGCCGGAAGGGTCCCTGTG  
GCCTTCTGACAGCTCCGTGCAGCGGCCAGGGGCTTCAGAGATCATGTGTGCCCCACGGGGCAGGGATAGG  
TTTACGACCCCATCTTTCATCCAGCGGGATCCGTTTCAGTCGTTTCCAGCCACCTACCCCTACGTGCAGC  
ATGAGATTGACTTGCTCCACCATCTCCCTGTCAGACGGGGAGGAGCCACCTCCTTACCAAGGACCCTG  
CACTTTACAGCTCCGGGACCCAGAGCAGCAAATGGAAGTGAACCGAGAGTCCGTGAGGGCCCCGCCAAC  
CGAACCATTTTTGACAGTGACTTGATAGACATTTCTATGTACAACGGGGACCATGCCACCAAGCAGCC  
ACTCGGGCATCAGTGCAGCTACCTGTAGCAGTAACGGAAGAATGGAGGGGCCGCCCGACTTACAGCGA  
GGTGATGGGCCACTACCCAGGCACCTCATTCTCCATCACCAGCAGCAACGCACACAGGGGCAGCAGA  
CAACAGTTTCAGCCGAACAACCTCAGAGGGCACAATAGTACCCATCAAGGGCAAAGACAGGAAGCCTGGGG  
ACCTGGTCTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_001271365  
**Insert Size:** 921 bp



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<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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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><a href="#">NM_001271365.1</a></u> , <u><a href="#">NP_001258294.1</a></u>
<b>RefSeq Size:</b>	2089 bp
<b>RefSeq ORF:</b>	921 bp
<b>Locus ID:</b>	679578
<b>Cytogenetics:</b>	18q12.1