

## Product datasheet for **RN212837**

### Lars2 (NM\_001108787) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lars2 (NM_001108787) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lars2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212837 representing NM\_001108787  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGAAACAGCTGGACCCCTCGGCCTGTGCTTCAGCTGGACAGGAAATCACTACGTGTTGCCAG  
 ATTACTACAAATGGACTCAATACCTGTTTATCAAACCTCTACGAAGCTGGACTTGCCATCAAAGGAGGC  
 CTTGGTTAACTGGGACCCAGTGGACCAAACAGTCTGGCTAATGAGCAGGTAAATGAATATGGCTGTTCA  
 TGGCGTCTGGAGCCAAGGTAGAGAAGAAATACCTCAGACAGTGGTTCATTAAGACAACGCATACGCAA  
 AGGCCATGCAGGATGCATTGGCAGACCTCCAGAGTGGTATGGAATAAAAGAAATGCAGGCCATTGGAT  
 TGGAGACTGCGTAGGCTGCCACCTGGACTTCACATTAAGGTTGATGGACAAGACACAGGAGAAAACTG  
 ACCGCATACAGCCACACCTGAGGCCATCTATGGCATCTCCATGTGGCCATCTCTCTAGCCATGGGC  
 TTCTACATGGCTGCAGCTCTCTGAAGACAGCCTTGAGAAGGCACTGGTCCCTGGCAGAGATTGCCTCAC  
 ACCAGTGTGGCCGTGAACATGCTCACCTGCAGGAGTCCCGTCGTTATCATGGCTAAGCCTGACTTG  
 GAAGGCTCTCTAGATTCAAAAATAGGAATCCCCAGCACCAGCTCGGAGGACACCAGACTAGCCCAAGCTC  
 TGGGCCTACCCTACTCTGAGGTCATTGAAACTTCCCCAGATGGCACAGAGAGACTGAGTGGATCTGCTGA  
 GTTTACAGGTATGACCCGGCAGGATGCCTTTGTTGCCCTGACTCGGAAAGCCCGTGGGATGAGAGTGGGT  
 GGACACGTGACAAGTAACAAGCTGAAGGACTGGCTGGTCTCAAGGCAGCGCTACTGGGACACACCCATCC  
 CCATTGTCCACTGCCAGCCTGTGGCCCTGTGCCTGTGCCACTGCAAGACTTGCCCTGTGACTTTGCCAG  
 CATCACATCTCTAACGGGCAGAGGGGCTCCCCGCTGGCTCGGCTTTGGAGTGGGTAAGTGTCTCTGC  
 CCAAGTCTTTAGCTCGGCACTGGCAGACTTCTGGATGCCTGTGGATCTGTACATCGGAGGAAAGAGC  
 ATGCTGTACATGCCTTGTCTATGCACGATTCTTTAGTCATTTTGGCACCGTCAGAAGTGGTGAAGCA  
 CAGGGAGCCTTTCCATAAACTCCTGGCCCAAGGCCTCATTAAAGGACAGACATTTACCTTCTGTCTGGG  
 CAGTGTCTGAAGAGGGAAGACATAGATTTACAGGTCCTACTCCTGTTTGTGCAAAAACGAAAGAGAGGT  
 TAGAGGTGACGTGGGAGAAGATGAGCAAGTCCAAACACAATGGCGTGGACCCTGAGGAGATTGTGGCCCA  
 GTATGGAATTGACACAATCCGGCTCTACATCCTCTTTGCAGCCCTCCTGAGAAGGACATCTTGTGGGAT  
 GTGAAGACCGATGCACTTCTGGAGTGTAAAGTGGCAACAGCGGTTGTGGTCCCTGACAACAAGATTCA  
 TTGAGGCAAGGACTTCCGGGACAGCCCCCAGCCTCAGCTGTGAACAACAAGGAGAAAGCAAGGCCCG  
 AAGCCTCTGGGAGTACAAAACGCAGTCATAACTCAGGTGACCACCCATTTACAGAGGACTTTGCCCTG  
 AATTCCGTAGTTTCTCAGCTGATGGGACTCAGCGGTGCCCTCTCGCAAGCCTCTCAGAGACTGGTCTCC  
 ACAGCCCTGAGTTTGGAGATGCTCTGTGTGCTCTGCTGGTGTGCTGCCCCCTGGCCCTCATATAAC  
 CTGAGAACTCTGGGCAGGCTGGCGCTGGTACCAAGCAAGCTCTGTGACCGGTATGCCTGGGATGTGGT  
 GTGATGCTTACGGCTGGCCACTGTGGACTCACAGTTTCTTTCAGAAGCCTGATATGGTTCAGATGGCTG  
 TTCTGATCAACAACAAGCCTGTGGCAAGATCCCTGTGCCCCAGCATGTTGCCCAAGACCAGGACAAAGT  
 CCATGAATTTGTTCTCCAGAGTGAAGTGGCATCAAGCTGCTGCAGGGGAGAAGCATCAGGAAGGCCTTC  
 CTCTCCCCAGGACGGCCCTCATCAACTTCTTGGTGAAGGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001108787

**Insert Size:** 2145 bp

**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).

<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_001108787.1, NP_001102257.1</u>
<b>RefSeq Size:</b>	2867 bp
<b>RefSeq ORF:</b>	2145 bp
<b>Locus ID:</b>	363172
<b>Cytogenetics:</b>	8q32