

## Product datasheet for **MC222476**

### Lars2 (NM\_153168) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lars2 (NM_153168) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lars2
Synonyms:	AI035546; Kiaa0028; LEURS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222476 representing NM\_153168  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCATCCACTTGTGTCAGAGGCTGAGTTTCTATGTCTCTCTCTGAAAAGGCAGCTAGTTAGCAGGCCAC  
 CTGTCATCCTGTGGGAAAGACTAATCCAGGGTGTCCAGAAGTATCTACAGTGCCACCGGGAAGTGGAC  
 AAAGGAGTACACACTGCAGACAAGGAAGGATGTGGAGAAGTGGTGGCACCAACAGATAAAGGAGCAAGCG  
 TCCAGAGTCTCAGAGGAAGATAAATTAAGCCAAATTCTACTTGTCTCCATGTTCCCATACCTTCTG  
 GCAAGCTGCACATGGGCCATGTCCTGTCTACACCCTCAGCGACACCATTGCACGGTTCAGAAAATGAG  
 AGGCATGCAGGTTATCAACCCCATGGGGTGGGATGCATTTGGATTGCCTGCTGAAAATGCTGCCATAGAG  
 AGGAATTTGCACCCTGAAAGCTGGACCCAAAGCAATATTAACACATGAGGAAGCAGCTCGACCCCTCG  
 GCCTGTGCTTCACTGGGACAGGAAATCACTACATGTTTCCAGATTACTACAAATGGACTCAATACCT  
 GTTTATCAAACCTCTATGAAGCAGGACTGGCCTATCAAAGGAGGCCTTGTTAACTGGGATCCAGTGGAT  
 CAAACAGTGCTAGCCAATGAGCAGGTGAATGAATATGGCTGTTTATGGCTTCTGGAGCCAAGGTAGAGA  
 AGAAATACCTCCGACAGTGGTTCATTAAGACAACCTGCTTATGCAAAGGCCATGCAGGATGCGTTGGCAGA  
 CCTCCAGAGTGGTACGGAATCAAAGGCATGCAGGCCACTGGATTGGGGACTGTGTAGGCTGTACCTG  
 GACTTCACATTAAGGTTGATGGAGAAGACACAGGAGAGAAAATTGACAGCATACACAGCCACCCCTGAGG  
 CCATCTATGGCATCTCCACGTGGCCATCTCTCTAGCCACGGGCTTCTACATGGCTGCAGCTCTGTGAA  
 GAAAGCCTTGAGAAGGCACTAGTCCCTGGCAGAGATTGCCTCACACCAGTGATGGCTGTGAGCATGCTC  
 ACCCTGCAGGAGGTCATCGTTATCATGGCTAACCTGACTTGAAGGCTCTCTAGATTCAAAAATAG  
 GAATCCCAGCACCAGCTCAGAGGACACCAGACTGGCCCAAGCTCTGGCCTACCTACTCTGAGGTCAT  
 TGAAGCTTACCCGATGGCACAGAGAGACTGAGTGGATCTGCTGAGTTTACAGGTATGACCAGGCAGGAT  
 GCCTTTGTAGCCCTGACTCGGAAAGCCGTGGGATGAGAGTGGGTGGACAGTGAAGTAAACAAGTGA  
 AGGACTGGCTGATCTCACGGCAGCGCTACTGGGACACCCGATCCCATTTGTCCACTGCCAGCCTGTGG  
 CCCTGTGCTGTGCCACTGCAAGACTTGCCTGTGATTTTGCCAGCATTGCATCTTAAACGGGCAGAGGA  
 GGCTCCCCGCTGGCCACGGCTTTGGAGTGGTGAAGTCTCTGCCCAAGGTGCAAGGGATCAGCAAAGA  
 GAGAGACGGACACCATGGACACCTTTGTGGATTCTGCGTGGTACTACTTCAAGATACACTGACCCTCATAA  
 TACTCAAAGTCTTTGGCTCGGCACTGGCAGACTTCTGGATGCCCGTGGATCTGTACATCGGAGGAAAG  
 GAACATGTGTGCATGCATTGTTCTATGCACGATTCCTCAGTCATTTTGGCCAGCAAAAGATGTTGA  
 AGCACAGGGAACCTTTCCATAAACTACTGGCCCAAGGCCTCATAAGGGACAGACATTCCGCTTCCATC  
 TGGACAGTGTCTGAAGAAGGAGGATATAGATTTACAGGTCTGCTCCTGTTTGTGCAAAAAACAAAAGAG  
 AAGTTAGAGGTGACGTGGGAGAAGATGAGCAAGTCCAAACACAATGGGGTGGACCCTGAGGAGATTGTGG  
 CCCAATATGGAATTGACACAATCCGGCTCTACATCCTCTTTGACAGCCCTCCTGAGAAGGACATCTGTG  
 GGATGTAAGACTGACGCACTCCCTGGAGTGCTAAGATGGCAACAGCGGTTGTGGTCCCTGACAACAAGA  
 TTCATCGAGGCAAGGACTCCGGGACAGTCCCTCAGCCTCAGCTGCTGAACAGCAAGGAGAAAACCAAGG  
 CCCAAAACCTCTGGGAGTACAAAATGCAGTCATAGCTCAGGTGACCCTCATTTCACAGAGGACTTTGC  
 CCTGAATTCGTAGTTTCTCAGCTGATGGGACTCAGCAGTGCCTCTCGCAAGCCTCTCAGAGAGTGGTT  
 CTCCACAGCCCTGAGTTTGAAGATGCTCTGTGTGCCCTGCTGGTATGGCTGCTCCCTGGCCCTCATG  
 TAACCTCAGAACTTTGGCAGGCCTGACGCTGGTACCAAGCAAGCTCTGTGACCATTATGCTGGGATTC  
 TGGTGTGATGCTTCAAGCCTGGCCACTGTGGACTCACAGTTCCTTCAAGAACTGACATGGTGCAGATG  
 GCTGTTCTGATCAACAACAAGGCCTGTGGCAAGATCCCTGTGCCCAAGCATGTTGCCAGGACCAGGACA  
 AAGTCCATGAACCTGTTCTCCAGAGCGAGCTAGGCATGAAGCTGCTGCAGGGGAGAAGCATCAAGAAGGC  
 CTTCCTCTCCCCAGGACTGCCCTCATCAACTTCTTGGTGCAGGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul  
 ACCN: NM\_153168

<b>Insert Size:</b>	2709 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><a href="#">NM_153168.2</a></u> , <u><a href="#">NP_694808.1</a></u>
<b>RefSeq Size:</b>	3881 bp
<b>RefSeq ORF:</b>	2709 bp
<b>Locus ID:</b>	102436
<b>UniProt ID:</b>	<u><a href="#">Q8VDC0</a></u>
<b>Cytogenetics:</b>	9 73.92 cM