

Product datasheet for RN209318

Lars (NM_001009637) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lars (NM_001009637) Rat Untagged Clone
Tag: Tag Free
Symbol: Lars
Synonyms: MGC105585
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209318 representing NM_001009637
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGGATCGCC

ATGGCGGAAAGAAAAGGAACAGCCAAAGTAGACTTCTTGAAGAAGATTGAGAAAGAAGTCCAGCAGAAAT
 GGAAGCGGAGAAAGTGTGAAAGTCAAGCGCTCTTCACTGGAGAAGCAGAACGAGCAGCAAGGGCAA
 AACTTTGTACCTTTCCATATCCATACATGAATGGACGCCTTCAATTTGGACACACGTTTTCTTATCC
 AAGTGTGAGTTTGCAGTAGGATACCAGAGATAAAAGGAAAAGCTGTCTGTTCCCTTCGGGTTACACT
 GTACCGGTATGCCTATAAAGGCATGTGCTGACAAGCTGAAAAGGGAGATAGAGCTGTATGGCTGCCCTCC
 TGATTTTCCAGAGGAGGAGGAGGAAGAGGAAGAAAGCAGTGCTAAACCTGGAGATATAGTAATGAAGGAT
 AAAGCCAAAGGAAAAAGAGTAAAGCCGCTGCTAAAGCAGGATCTTCTAAGTACCAGTGGAAACATTATGA
 AATCCCTTGGGCTCTCTGATGAAGACATCGCGAAGTTTCTGAAGCAGAACATTGGCTTGATTATTTCCC
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 TTAAGTGGCTGAAAAGGAAAAATATCTTCTAGTAGTGCACACTCAGACCTGAGACTATGTTTGGAC
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 GTGAAGGATTAATGGGAGAGGAAATCCTTGGGCTTCACTTTCTGCACCCCTGACATGCTATAAGGTGA
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 CATGTAAGAAGACTATTCAGAAAACATGATTGATGCTGGAGATGCGCTTATCTACATGGAGCCAGAAA



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AACAAGTGGTGTGCGAGGTCTGCAGATGAGTGTGTTGTGGCCCTGTGTGACCAATGGTACTTGGATTATGG
AGATGAGAAGTGAAGAAACAGACATTTAGTGCCTGAAGAACATGGAACATTTCTGCGAGGAGAGCAGG
AAGAAATTTGAAGCTTCTTAGACTGGCTGCAAGAACATGCCTGCTCAAGAACCTACGGTTTAGGCACGC
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GAAACTTCTCACTTTGAGCCAAGCTGTTGACAAGTTTTCCGCTGATGGAATGCGCCTGGCTCTGGCTGA
TGCTGGCGACACTGTTGAAGATGCTAAGTTTGTGGAAGCTATGGCAGACGCAGGCATTCTCCGTCTGTAC
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TCAATGATCGTGTGTTTCCAGTGAATGAATGCAGGAATTAAAAACAGATCAAAACTATGAAAAGAT
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GCCACAGAGGGGATGCACAGAGAGCTTGTGTTCCGGTTTATTGAAGTTCAAACAATCCTTCTGACTCCAT
TCTGTCCACATTTGTGTGAGCAGCATCTGGACACTGCTGGGAAAGCCTGATTCAATTATGCATGCCTCATG
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CTTAGATTACGGCTCAAGAATTACATGACGCCAGCTAAAGGGAAGAAGACGGACAAGCAACCAGTTCAGA
GGCCCTCACACTGCACCATCTATGTGGCAAAGAACTACCTGTCTGGCAGCACATTACCTGACAACCCT
ACGGAGCCACTTTGAGGCTAACAAATGAAAAATGCCTGATAACAAAGTCATCGTTGTGAAGTGGCAGT
TTGCCAGAAGTGAAGAAATATGAAGAAAGTTATGCCATTTGTTGCCATGATTAAGGAAAACATGGAGA
AGAAAGGGCCGAGTCTTGGATTTAGAGTTGGAATTTGATGAGCAGGCAGTCTTATGGAGAATATAGT
CTACCTAACCAATTCTTTGAGCTGGAACATATAGACGTCAAGTTTGCCTCTGAAGCTGAAGATAAAGTC
AGGAAAGAGTGTCTGCTGGGAAGCCACTTAATGTTTTCAGAACAGAACCCTGGTGTGCCAGTTTCCCTAG
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CATAATCAGACGCTGACGAAAATGGACCGAGGAATCAAAGATCTCTCAAAGTGAAGTCAAGTCAAGTCA
GATGATCTCTGTTGGGGCCTCGACGAGTTCAGTCTGGGGAGAGAGCAGAACGAGAAGACTCATT
CTGAGAATGCCATTTCCACGTGGACCTAGTGAGCAAGAAAGTTCACCTTACTGAGAACGGGCTGCGCGC
AGACATCGGTGACACAATAGTCTATCTGGTTCACTGA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001009637

Insert Size: 3537 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).

Components: 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_001009637.1](#), [NP_001009637.1](#)

RefSeq Size: 3834 bp

RefSeq ORF: 3537 bp

Locus ID: 291624

Cytogenetics: 18p11