

## Product datasheet for **MC224746**

### Lamc1 (NM\_010683) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lamc1 (NM\_010683) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Lamc1  
**Synonyms:** Lamb2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224746 representing NM\_010683  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGC**

ATGACGGGCGGGCGGGCCGCGCTGGCCCTGCAGCCCCGGGGCGGCTGTGGCCGCTGTTGGCTGTGC  
 TGGCGGCTGTGGCGGGCTGTGTCGGGGCGGCCATGGACGAGTGC GCGGATGAGGGCGGGCGGCCGACGCG  
 CTGCATGCCGGAGTTTGTAAATGCCGCCTTCAATGTGACCGTGGTGGCTACCAACACGTGTGGGACTCCG  
 CCCGAGGAGTACTGCGTGCAGACTGGGGTGACCGGAGTCACTAAGTCCTGTACCTGTGGCAGCCGGCC  
 AGCAGCACCTGCAACACGGGGCAGCCTTCTGACCGACTACAACAACAGGCCGACACCCTGGTGGCA  
 AAGCCAGACTATGCTGGCCGGGGTGCAGTACCCCAACTCCATCAACCTCACGCTGCACCTGGGAAAGGCT  
 TTTGACATCACTTACGTGCGCCTCAAGTTCACACCAGCCGTCCAGAGAGCTTCGCCATCTATAAGCGCA  
 CTCGGGAAGACGGGCCCTGGATTCCCTTACAGTACTACAGTGGGTCTGTGAGAACAGTACTCAAAGGC  
 TAACCGTGGCTTCATCAGGACCGGAGGGGACGAGCAGCAGGCCCTGTGTACTGATGAATTCAGTGACATT  
 TCCCCCTCACCGGTGGCAACGTGGCCTTTTCAACCCTGGAAGGACGGCCGAGTGCCTACAACCTTGACA  
 ACAGCCCTGTGCTCCAGGAATGGGTAAGTCCACTGACATCAGAGTGACGCTCAATCGCCTGAACACCTT  
 TGGAGATGAAGTGTTTAAAGACCCCAAAGTTCCTCAAGTCTTACTATTACGCAATCTCAGACTTTGCTGTG  
 GGCGGCAGGTGTAATGTAACGGACATGCCAGCGAGTGTGTAAGAACGAGTTTGACAAACTCATGTGCA  
 ACTGCAAAACATAACACATACGGAGTTGACTGTGAAAAGTGCCTGCCTTTCTTCAATGACCGGCCGTGGAG  
 GAGGGCGACTGCTGAGAGCGCCAGCGAGTGCCTTCTTGTGACTGCAATGGCCGATCCCAAGAGTGTACT  
 TTTGATCTGAACTATACCGTTCCTGACTGGACATGGTGGCCACTGTACCAACTGCCGGGATAACACAGATG  
 GTGCCAAGTGCAGAGGTGCCGGGAGAATTTCTCCGCCTGGGGAACACTGAAGCCTGCTCTCCGTGCCA  
 CTGCAGCCCTGTTGGTTCTCTCAGCACACAGTGTGACAGTTACGGCAGATGCAGCTGTAAGCCAGGAGTG  
 ATGGGTGACAAGTGTGACCGTTGTGAGCCTGGGTTCCATTCCCTCACTGAGGCAGGATGCAGGCCATGCT  
 CCTGCGATCCTTCGGGCAGCACAGACGAGTGTAAATGTTGAAACAGGAAGATGCGTTTGCAAAGACAAATGT  
 TGAAGGCTTCAACTGTGAGAGATGCAAACCTGGATTTTTTAATCTGGAGTCATCTAATCCTAAGGGCTGC  
 ACACCCTGCTTCTGCTTTGGCCATTCTTCTGTGTGCACAAATGCTGTTGGCTACAGTGTATTATGACATCT



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CCTCCACCTTTCAGATTGATGAGGATGGGTGGCGCTGGAGCAGAGAGATGGCTCGGAGGCGTCTCTGGA  
 GTGGTCTCAGACAGGCAAGATATTGCCGTAATCTCAGACAGTTACTTTCCTAGATACTTCATCGCCCT  
 GTGAAGTTCCTGGGCAACCAGGTCTGAGTTATGGGCAGAATCTTTCCTTCTCCTCCGAGTGGACAGAC  
 GAGACTCGCCTCTCCGAGAGGACCTTGTGCTCGAAGGAGCTGGCTTGAGAGTATCCGTGCCCTTGAT  
 CGCTCAGGGCAACTCCTACCCAGCGAGACCCTGTGAAGTACATCTTCAGGCTCCATGAAGCAACGGAT  
 TACCCTTGGAGGCCGCTCTCTCCCGTTTGAATTTAGAAGCTCCTGAACAACCTGACCTCTATCAAGA  
 TCCGTGGTACATACAGCGAGAGGAGCGCTGGTACTTGGATGATGTCACCTTGCAAAGTGCTCGCCCTGG  
 GCCCGGAGTCCCTGCAACGTGGGTGGAGTCTGCACCTGTCCAGTGGGATACGGGGGACAGTTCTGTGAG  
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 GTAATGGGCACAGTGAGACCTGTGACCCGGAGACAGGTGTCTGTGACTGCAGAGACAATACAGCCGGCCC  
 CCACTGTGAGAAATGTAGCGATGGGTACTATGGGGACTCAACCCTGGGCACCTCCTCTGACTGCCAGCCT  
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 AACCGCTGACGGGCGAGTGCCTGAAGTGCATCTATAACACGGCTGGTTTCTACTGCGACCGGTGCAAGG  
 AAGGGTTTTTCGAAAATCCCCTGGCTCCCAATCCAGCCGACAAATGCAAAGCCTGCGCCTGCAATCCCTA  
 CGGGACAGTGCAGCAACAGAGCAGCTGTAAACCCGGTGACCCGACAGTGCCAGTGTCTGCCTCATGTGTCT  
 GGCCCGGACTGCGGTACTTGTGACCCTGGTACTACAACCTGCAGAGCGGGCAAGGCTGCGAGAGGTGTG  
 ACTGCCATGCTTTGGTTCCACCAATGGGCAGTGTGACATCCGCACCGGGCAGTGTGAGTGCAGCCTGG  
 CATCACCGCCAGCACTGTGAGCGCTGTGAGACCAACCACTTTGGGTTTGGACCTGAAGGCTGCAAACCT  
 TGTGACTGTACCATGAAGGATCCCTTCACTCCAGTGTAAAGAGGACGGCCGTGTGAATGCAGGGAAG  
 GCTTTGTGGGCAATCGCTGTGACCAGTGTGAAGAGAACTATTTCTACAATCGGTCCTGGCTGGCTGCCA  
 GGAGTGTCCGGCTTGTACCAGTGTGAGGATAAGGTTGCTGAGCATCGAGTGAACCTCCAGGAGTTA  
 GAGAGCCTCATCGCAACCTTGGCACTGGGGATGACATGGTGACAGATCAAGCCTTTGAGGACAGACTTA  
 AGGAAGCAGAAAGGGAGGTGACAGACCTTCTCCGTGAGGCTCAGGAAGTCAAAGATGTAGATCAAATCT  
 GATGGATCGCCTTCAGAGAGTAAATAGCAGCCTGCATAGCCAAATAGCCGACTGCAGAAATATCCGGAAT  
 ACTATCGAAGAGACCGGGATCTTGGCTGAGCGAGCACGGTCCCGAGTGGAGAGTACAGAGCAGCTGATTG  
 AGATCGCTCCAGGGAGCTCGAGAAAGCAAAAATGGCTGCCGCAATGTGTCAATCACTCAGCCAGAGTC  
 TACAGGGGAGCCAAACAATGACCCTTGGCAGAAGAAGCCCGAAAGCTTGCAGAGCGTCATAAACAG  
 GAAGCCGATGACATTGTACGAGTGGCAAAGACAGCCAACGAGACTTCACTGAGGCATATAATCTGCTTT  
 TGAGGACCTGCGCAGGAGAAAATCAAACCTGCGCTGGAGATTGAAGAATTAACCGGAAGTATGAACAAGC  
 AAAGAACATCTCTCAGGACCTGGAGAAGCAGGCTGCCCGAGTCCATGAGGAAGCCAAGCGTGCAGGTGAC  
 AAAGCCGTAGAGATCTATGCCAGTGTGGCCAGCTGACCCCTGTGGACTCTGAGGCCCTGGAGAATGAAG  
 CAAATAAAATCAAGAAAGAAGCTGCAGACCTGGACCGTCTGATTGACCAGAAGCTAAAGGATTACGAGGA  
 CCTCAGGGAAGACATGAGAGGAAAGGAACATGAAGTGAAGAACCTTCTAGAGAAGGGGAAAGCTGAACAG  
 CAGACCGCCGACCAACTCTAGCTCGAGCCGATGCTGCCAAGGCCCTTGTGAAGAAGCTGCTAAGAAGG  
 GACGCAGTACCTTACAAGAAGCCAATGACATTCTAACAACCTGAAAGATTTTGTAGACCGGTGAACGA  
 TAACAAGACAGCCGGAAGAAGCTCTAAGGAGAATCCCGCCATCAACCGGACCATAGCTGAAGCCAAT  
 GAGAAGACAAGGGAGGCCAGCTAGCGCTGGGCAATGCTGCCGCTGACGCCACGGAGGCCAAGAACAAGG  
 CCCATGAGGCAGAGAGGATTGCCAGCGCGTGCAGAAGAATGCCACCAGTACCAAGCGGACGCAGAAAAG  
 AACCTTCGGGGAAGTTACAGATCTGGATAATGAGGTGAATGGTATGCTGAGGCAGCTGGAGGAGGCAGAG  
 AATGAGCTGAAGAAGAAGCAAGATGATGCCACCAGGACATGATGATGGCAGGGATGGCTTCGAGGCTG  
 CTCAGGAGGCTGAGCTCAATGCCAGAAAGGCCAAAACTCTGTGACGAGCCTCCTCAGCCAGCTGAACAA  
 CCTCTTGGATCAGCTAGGACAGCTGGACACAGTGGACCTGAACAAGCTCAATGAGATCGAAGGCTCCCTG  
 AACAAAGCCAAAGACGAAATGAAGGCCAGCAGCTGGACAGGAAGGTGTCTGACCTGGAGAGCGAGGCTC  
 GGAAGCAGGAGGCAGCCATCATGGACTATAACCGGGACATAGCAGAGATCATAAGGATATTCACAACCT  
 GGAGGACATCAAGAAGACCTACCAACCGGCTGCTTCAACACCCCGTCCATCGAGAAGCCCTAG

AGCGGACCGACGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-RsrII

<b>ACCN:</b>	NM_010683
<b>Insert Size:</b>	4824 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_010683.2</a></u> , <u><a href="#">NP_034813.2</a></u>
<b>RefSeq Size:</b>	7622 bp
<b>RefSeq ORF:</b>	4824 bp
<b>Locus ID:</b>	226519
<b>Cytogenetics:</b>	1 65.3 cM