

Product datasheet for **RN210588**

Lamc3 (NM_001107830) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lamc3 (NM_001107830) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lamc3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210588 representing NM_001107830 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGTGTCCGGGATCCTGTCCCGCCTGGCAACGGTGGTATGTGTGGCGTTGGTATGCTGAAGGCGC
ACTGCGGACGGGTGCGGGCATGGGCTCTTGCTACGACGGTGC GGACCGCGCACAGCGCTGTCTGCCTGA
GTTTCGAGAACGCGGCGTTTCGGCCGACGCGCCGAGGCGCTCGCACACGTGCGGACAGCCCCAGAGGACTTC
TGTCCGACGTTGGGGCACCAGGAGCTGGGCCACAGTCCAGCGCTGTGATGATGCTGACCCCGGGCGAC
GCCACGACGCTCCTACCTCACAGACTCCACAGCCCTGATGACAGCACCTGGTGGCAAAGTCCGTCAT
GGCCTTCGGGGTGCAGTATCCCACTTCGGTTAACCTGACCCTGCATCTAGGGAAGGCCTATGAGATCACC
TATGTGAGGCTAAAGTTCACACACAGCCGCCCGAGAGCTTTGCCATCTACAAGCGCACGACACGGGTG
GCCCTGGGAGCCCTACCAATACTACAGTGCCTCCTGCCAGAAAACCTATGGCCATCCTGAGGGCCACTA
CCTGCGACCTGGTGAAGATGAGAGGGTGGCTTTCTGCACCTCTGAGTTCAGCGACATCTCCCCCTGAAT
GGGGCAACGTGGCCTTCTCCACTCTGGAGGGCCGTCCAGTGCCTACAACCTTTGAGGAGAGCCCTGTGC
TGCAGGAGTGGGTACCAGCACCAGTCTCCTGATCTCTCTGGATCGTCTCAACACGTTTGGGGATGACAT
CTTCAAGGACCCAGAGTGTCCAGTCTTACTACTACGCTGTGTCTGACTTCTCTGTGGGTGGCAGGTGC
AAATGCAATGGTACGCCAGTGCCTGCGGGCCCAACGAGGCTGGTCAGCTGGCTTGTCACTGCCAGCACA
ACACCACGGGAGTGGACTGTGAGCGTTGTCTACCTTCTTCCAGGACCGTCCGTGGGCCCGCGCACCGC
AGAGGATGCCAACGAGTGTCTGCCTGCAACTGTAGTGGCACTCTGAGGAGTGCACGTTTGACAGGGAG
CTCTATCGGAGCACGGGCCATGGTGGGCACTGCCAGCGCTGCCGAGACCACAGCTGGGCCACATTGTG
AGCATTGTGAGAAGAATACTACAGATGGGACCCGAAGACACCATGCCAACCTGTGACTGCCACCCAGC
AGGCTCCCTGAGTCTCCAGTGTGACAACTCGGGCACCTGTCCCTGCAAGCTGACGGTGTGCTGGAAAG
TGTGATCGCTGCCTGCCTGGATTCCACTCACTCAGTGAGGGCGGCTGCAGACCCTGTACCTGCAATGTGC
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GTGTGACAGATGCCGCCCTGGGACTTTAACCTGCAGCCCCATAACCCAGCCGGCTGCAGTAGCTGCTTC
TGTTACGGCCACTCCAAGGTGTGTGCCCTGCTTCAAGGTTCCAGGAACCCACATCCGCTCAGACTTCC
GCCATGGAGCTGATGGCTGGCAGGCCAGAAGCACAGAGGTGTGAGAGCGTCTCTGCAATGGAGCCAGAG



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CGGGATCCTCCTGGGCTGCGAGAGGGGAGGAACTCTAGCCCCAGAGAAGTTCTGGGAGACCAGAGA
 CTCAGCTATGGACAGCCACTCATACTGACCCTCCAAGTACCCCCGGGGCTCCCCACCTCTATGCAGC
 TGAGACTGGAGGGGGCAGGTTTATCTCTGGCTCTGAAACCCTCCAATCTACCCAGCTCTCAGGACCCAG
 GCAGCCAGGACGAGTTTCTAGCTCCAGTTCCTCTGCAGGAGACTTCTGAAGAGGCAGAGCCTCCACTGCC
 GCCTTCCACTCCAGCGCTGCTTCCAATCTGACCCTCTGAGCATCTGGACCAGTGGCCAAGGCCTGG
 GCCACTCTGGCCACGTGCTTTGTGTGAAGTCCATCTCACATCGGCCCGGCTCAGCTGGGCTTGCCCC
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 ATGCATGCCAGGTTTCTACGGTAACGCCTTCTCAGGCCACGCTGATGATTGCCAGCCTGTCCATGCCCT
 GGCCAATCAGCCTGCACGACCATCCCAGAGAGTAGAGATGTGGTGTGCACACACTGCCCCCTGGTCAGA
 GAGGACGACGCTGTGAGAGCTGTGAAGATGGCTTCTTCGGAGATCCCCTAGGACTCTCTGGAGCTCCCA
 GCCCTGCCCGGATGCCAGTGCAGCAGGAACGTGGATCTCAATGCTGTGGCAACTGCGATCCTCATTCT
 GGCCGCTGTCTGCCTGTCTGCACAACACAACAGGGGCCACTGCGAGCACTGTCAGGAGGGTTTCTATG
 GGAGTGCCTTGGCCACGAGGCCTGCGGACAAATGTCTCCTGCAGCTGTGACCCGAGGGGCTCAAGCAG
 TCAGAAGACTGCAACCCAGCAGCTGGCCAGTGTGCCTGCCTGCCTACGTACCCGGGAGGGATTGCAGC
 CGCTGCAGCCCTGGCTTCTACGACCTCCAGCCTGGGAGGGGCTGCCAGAGCTGCAAAATGTACCCAGTGG
 GCTCCTTGGAGAACAAGTGCCACCCCAAGACTGGCCAGTGGCCCTGTGACCCCGGTGTACCCGGCAAGC
 CTGTGACAGATGCCAGCTGGGTTTCTTTGGCTTCTCCATCAAGGGCTGCCGAGACTGTAGGTGTTCCCA
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 GGATCCGAGTGTGCAGCCCTGGGACCCTAGACATTTCTGAGGGAGAAGCCCTCGGGGGGATGTCT
 ACCAAGGTCACCACTATTTCAAGAGGCCCGGGGACCTTCTGGAGCAGATGGTGGCCTGGAGGAGTC
 TGTGAAGGCCACTTGGGAGCAGCTGCAGGTGCTGAGAGGGAACGCACACTGTGCCAGGCTGGAGCTCAG
 AAGACTGCAACCAGCTGGCAGAGCTGGGGGAGACGCTGCCTTCTCAGAGGAGGAGTCTGCGTGCAG
 CCTCAGCTCTCTATTTCTGGCAATCTTCAGGAAGGATCCAGCGCACCCACCAATTGGGGTGCCTGGC
 ATCAGAGGCTACATCCTCACCAGGAGCCACAGGGACACAGCCACCAAGATCGAAGCTACCGTGGAAAGG
 GCCCTGCTCGCTCCAACACCAGCTATGAGCTCCTGTGGAAGCTGTTGAAAGGCAGTGTGGCCTCAGAGG
 CCCAGCAGGAAGTGGAGGAGAGGTACCAGGAGGTGCAGGCAGCTCAGACTGCCCTGGGCATAGCTGTGGC
 AGAGGCGCTGCCAAAGCTGAAAAGGCACTAGCCACGGTGAAGCAAGTCTTGGTCCCGCAGCCCCACGT
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 TGGAGCAGAAGCTGCAGCAGAACCAGGCAGGCCAAGCGGTGGGAGCCCTGCAGGTAGAGGCTGGGAGAGC
 CTTGAGGAAGGTGGAGCCCTTTCTGCAGCTACGAAACAAGACCACAGCTGCCCTGACACAGGTTTCTCA
 GCTGTCCAAGCTGCTAAGGTGACCGTATAGGAGCGAAGACCCTGCTAGCTGACCTAGAGGGGATGAAGC
 TAAGGTTCCCTCTACCCAAGGAGCAGGCAGCGCTGAAGAGGAAAGCAGGCAGCATCAGGACCAGGCTCTT
 GAAGGACACGAAGAGAAAGACCAAGCAGGCAGAGAGGATGCTGGGAAATGCTGCCTCGCTCTCTCCAAC
 TCCCAGAAGAGAAGCAAGAAGCAGAAGTGTCCAAGGAGAAATGCCAAGCTTGCCAGAGCTTTCTGA
 GGAAGGGAAGCAGAAGTACCGTATGCCAGCCGACTCGCCAGCCAGACCAGGCCACACTCCGCCAGGC
 CTCTCGCTGGTGTGACCTCAGAAGCACGAAACAGGAGCTGGAAGAAGCTAAACAGGTGGCCTCTGGG
 CTGAGCACTGTGGAGCGCCAGATCCGAGAGTCTCGGATCTCCTTGGAGAAGGACCAAGGCTCTGTGAG
 AGCTGCTCGCAAACTGGGGTCCCTGGGTACCCACCAAGCCCCTGCTCAGACCCTGAACGAGACCCAGCA
 GGCAGTAAAGCTTGGGCTGCAGCTGGATTACATGGATCCTTGCATCACAAGTAAAGCAGCTGGAG
 GAAGAGTCTGCTCGACAGGAGCTGCAGATCCAGAGCTTTGAGAAGCAGCTCGCTGAGATCCGCGCTGACA
 AGCACAAGTGGAGACCTTCTAAGCAGTCTACCAGAGAAGTGTGCCAGCTAG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107830

Insert Size:	4743 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:	<ol style="list-style-type: none">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:	<u>NM_001107830.1</u> , <u>NP_001101300.1</u>
RefSeq Size:	6512 bp
RefSeq ORF:	4743 bp
Locus ID:	311862
Cytogenetics:	3p12