

Product datasheet for MC224707

Lamc3 (NM_011836) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Lamc3 (NM_011836) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Lamc3
 Synonyms: A1562206; AW240805
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC224707 representing NM_011836
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGGATCGCC

ATGGCTGTATCCAGGGTCTGTCCCTCTGGCAACGGTGGCATCGATGGCGCTGGTGATTACGGAGACAC
 ACTTCGCGGCAGGCGCGGACATGGGCTCTTGTACGACGGTGTGGGACCGGCACAGCGCTGTCTGCCTGA
 GTTCGAGAACCGCGGCTTCGGCCGACGCGCCGAGGCCCTCCACACGTGCGGACGGCCCCGGAGGACTTC
 TGTCCACACGTGGGGGCACCAGGGGCTGGGCTACAGTGCCAGCGCTGCGACGATGCTGACCCCGGACGAC
 GCCACGACGCTCCTACCTCACAGACTCCACAGCCCCGATGACAGCACCTGGTGGCAGAGCCCATCCAT
 GGCTTCGGGGTGCAGTACCCACCTCTGTAACTGACCTTGAGCTTAGGGAAGGCCTATGAGATTACC
 TATGTGAGGCTGAAGTCCACACCAGTCGCCCTGAGAGTTTTGCCATCTACAAGCGCACGTACGCCAGTG
 GCCCTGGGAGCCCTACCAATACTACAGTGCCTCCTGCCAGAAAACCTATGGCCGTCCTGAGGGCCACTA
 CCTGCGACCGGGCAGGATGAGAGGGTGGCCTTCTGCACCTCTGAGTTCAAGTACATCTCCCCCTGAAC
 GGGGCAACGTGGCCTTCTCCACCCTGGAAGCCGTCAGTGCCTACAACCTTGGAGAGAGCCCTGTGC
 TGCAGGAGTGGTCCACGACACTGACATCCTGATCTCTAGATCGGCTCAACACGTTTGGGGATGACAT
 CTTCAAGGACCCAGAGTCTCAGTCTTACTACTACGCTGTGTCTGACTTCTGTGGGTGGCAGGTGC
 AAATGCAATGGTACGCCAGTGAATGCGAACCCATGCGGCTGGTCAAGTGGCTTGGCCTGTGAGCACA
 ACACCACAGGAGTGGACTGCGAGCGTTGTCTGCCCTTCTCCAGGACCGTCCGTGGGCCCCGAGGCACCGC
 CGAGGATGCCAACGAGTGTCTGCCCTGCAACTGCAGTGGGCACTCTGAGGAGTGCACGTTTACAGGGAG
 CTCTATCGGAGCACAGGCCATGGTGGGCACTGTCAGCGGTGCCGTGACCACAACTGGGCCACTGTG
 AGCGCTGTGAGAAGAATACTACAGATGGTCCCCGAAGACACCATGCCAACCTGTGACTGCCACCCAGC
 AGGCTCTCTGAGTCTCCAGTGTGACAACCTCAGGCGTCTGTCCCTGCAAGCCACAGTACAGGCTGGAAG
 TGTGATCGCTGCCTGCCTGGATTCCAACCTCACTCAGTGAGGGCGGCTGCAGACCCCTGTGCCTGCAATGTCG
 CCGGCAGCTTGGGCACCTGTGACCCCGAGTGGGAACTGTCCCTGCAAAGAGAATGTAGAAGGCAGCCT
 GTGTGACAGATGCCGCCCTGGGACATTTAACTGCAGCCCCAATCCAGTGGGCTGCAGCAGCTGCTTC
 TGTATGGCCACTCCAAGGTGTGTTCTCCTGCTGCCGGTTCCAGGAACACCACATCCGCTCAGACTTCC



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GCCATGGAGCTGGTGGCTGGCAGATCAGAAGCATGGGAGTGTCCAAGCGTCCTCTGCAATGGAGCCAGAG
 TGGGCTCCTCTGGGCTGCGAGGAGGGGAGGAACTCTCAGCCCCAAAGAAGTTCTGGGAGACCAGAGA
 CTCAGCTATGGACAGCCAGTCACTACTGACCCTCCAAGTACCCCTGGAGGCTCCCCACCTCCTATTACAGC
 TGAGACTGGAGGGAGCAGGCTTGGCTCTGTCTCTGAGGCCCTCCAGTCTACCCAGCCCTCAGGACACCAG
 GCAGCCAAGACGAGTTACAGTCCAGTTCCTCTTGAGGAGACTTCTGAGGAGGCAGAGTCCCCACTGCC
 ACCTTCCACTTCCAGCGCTGCTTCCAATCTGACTGCTCTGAGCATCTGGACCAGTGGCCAAGGACCCG
 GCCATTCTGGCCAAGTCTTGTGTGAAGTTCAGCTCACATCGGCCCTGGCCCCAGCGTGGCTTGGCCCC
 TCCAGCCTCTTGGGTGGAGACCTTATGTCCCCAGGGATACACAGGCCAGTTCTGTGAATTCTGTGCT
 CTGGGATACAAGAGAGAAATACCTCATGGGGTCCCTATGCCAACTGCATTCCCTGCACCTGCAACCAGC
 ATGGCACCTGTGACCCCAACACAGGGATCTGCCTGTGTGGCCACCACCCGAGGGTCCATCCTGTGAGCG
 GTGCATGCCAGGTTTCTACGGTAACGCCTTCTCAGGCCGTGCTGATGATTGCCAGCCCTGTCCGTGCCCT
 GGCCAATCAGCCTGTGCAACCATCCCAGAGAGTGGAGATGTGGTGTGCACACACTGCCCTCCTGGTCAGA
 GAGGACGACGATGCGAGAGCTGCGAAGATGGCTTTTTTGGGGATCCTCTAGGGCTCTCTGGAGCTCCCCA
 GCCCTGCCCGGATGCCAGTGCAGCGGGAACGTGGATCTCAATGTGTGGCAACTGTGATCCTCATTCT
 GGCCACTGCTTGGCTGTCTGTACAACACGACAGGGGCCACTGCGAGCACTGTCCGGAGGGTTTCTACG
 GGAGTGCCGTGGCCACAAGGCCCGTGGACAAATGTGCTCCTGCAGCTGTGACCTGAGGGGCTCAGTCAG
 TGAGAAGACCTGCAACCTGTGACTGGCCAGTGTGCTGCCTGCCTTATGTCTCCGGGAGGGACTGCAGC
 CGCTGCAGCCCTGGCTTCTATGACCTCCAGTCTGGGAGGGGCTGCCAGAGCTGCAAAATGTACCCACTTG
 GATCCTTGGAGAATAAGTGCCACCCCAAGACTGGCCAGTGTCCCTGCCGACCTGGTGTCACTGGCCAAGC
 CTGTGACAGATGCCAGCTAGGTTTCTTTGGCTTCTCCATCAAGGGCTGCCGAGACTGTAGGTGCTCCCCA
 TTGGGTGCTGCCTCATCTCAGTGCCATGAGAACAGCACCTGTGTGTGCCGGCCCGCTTGTGGGCTATA
 AATGCGACCGCTGCCAGGACAATTTCTTCTCGCGGATGGCGACACAGGCTGCCAAGAGTGTCCCCTTCA
 CTATGCCCTAGTGAAGGAAGAGGCAGCCAAGCTGAAGGCCAGTTGATGCTGATGGAGGGTGGCTTCAA
 AGGTCTGACTGTGGTAGCCCTGGGACCCTAGACATCTGCAGGGAGAAGCCCTCTGGGGATGTCT
 ACCAAGGTCACCACTACTTCAAGAGACCCGGGGACCTTCTGCAGCAGATGGTGGCCTGGAGGATTC
 TGTGAAGGCCACTTGGGAGCAGTTGCAGGTGCTGAGAGGGCATGTACACTGTGCCAGGCTGGAGCTCAG
 AAGACCTGCATCCAGCTGGCAGAGCTGGAGGAGACATTGCAGTCTCAGAGGAGGAGGTCCTTCTGTGAC
 CCTCAGCTCTCTATTTTGGCAAGTCTCAGAAAGGATCCAGCACCCACCAATTGGAGTCACTGGC
 ATCAGAGGCCAGATCCTTGGCAGAAGCCACAGGGACACGGCCACCAAGATCGAAGCTACCTCGAAAGG
 GCCCTGCTCGCCTCAACGCCAGCTATGAGCTCCTGAAGCTGATGGAAGGCAGAGTGGCCTCGAAAGCC
 AGCAGGAACTGGAGGACAGGTACCAGGAGTGCAGGCAGCTCAGACTGCCCTGGGCATAGCTGTGGCAGA
 GCGCTGCCCAAAGCTGAAAAGGCACTGGCCACGGTGAAGCAAGTATTGGTGACGCAGCCACATCTA
 GGCTTGTGTGTCACCCCTGAAGCAATGAACTTCCAAGCCAGGGGCTGAGCTGAAAAGTGAAGGCCCTGG
 AGCAGAAGCTGGAGCAGAAGGAGCCGAGGTGGGCCAGTCTGTGGGAGCCCTGCAGGTGGAGGCTGGAAG
 AGCCTTGGAGAAGATGGAGCCCTTATGCAGCTACGCAATAAGACCACAGCTGCCCTCACACGGGCTTCC
 TCAGCTGTGCAAGCTGCCAAGGTGACCGTCATAGGAGCAGAGACCCTGTAGCTGACCTAGAGGGAATGA
 AGCTGAGGTCTCCTTACCCAAGGAGCAGGCAGCGCTGAAGAAGAAAGCAGGCAGCATCAGGACCAGGCT
 CCTGGAGGACACAAGAGGAAGACCAAGCAGGCAGAGAGGATGCTGGGAAATGCTGCCTCTCTCCTCC
 AGCACCAAGAAGAAAAGCAAAGAAGCAGAACTGATGTCTAAGACAATGCCAAGCTCTCCAGAGCTTTGC
 TGAGGGAAGGCAAGCAGGGCTACCGTCATGCCAGCCGACTCGCCAGCCAGACCCAGGCCACACTCGGTCTG
 GGCTCTCGCCTGCTGCTGACCTCAGAAGCACACAAGCAGGAGCTGGAGGAAGCTAAACAGGTGACCTCT
 GGGCTGAGCACTGTGGAGCGCCAGATCCGAGAGTCTCGGATCTCCTTGGAGAAGGACACCAAGTCTGT
 CAGAGCTGCTTGTGAAGCTGGGGTCCCTGGGTGTCCACCAAGCCCTGCTCAGACCCTGAACGAGACCCA
 GCGGGCACTAGAAAGCTTGGGCTGCAGCTGGATTCCACGAGCCCTGCATCACAACTGAGGCAGCTG
 GAGGAAGAGTCTGCTCGACAGGAGCTGCAGATTCAGAGCTTTGAGGACGACCTTGTGAGATCCGCGCTG
 ACAAGCACAACCTGGAGACCATTCTGAGCAGTCTGCCAGAGAAGTGTGCCAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_011836

Insert Size:	4746 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:	NM_011836.3 , NP_035966.2
RefSeq Size:	5930 bp
RefSeq ORF:	4746 bp
Locus ID:	23928
UniProt ID:	Q9R0B6
Cytogenetics:	2 B
Gene Summary:	Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.[UniProtKB/Swiss-Prot Function]