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Product datasheet for MC223783

Lamb3 (NM_008484) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lamb3 (NM_008484) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lamb3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC223783 representing NM_008484
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACAGCATTTTTCCTCCTGTGGCTTGCCTTGCCTGGCTTCCTGTGTGCCCAGCAAGCCTGCTCCCGAG
GGGCCTGTTATCCACCTGTGGGGGACTTGCTCATTGGAAGGACTCAGCTTCTTCGAGCCTCATCTACCTG
TGGATTGACCAAACCTGAGACCTATTGCACCCAATATGGACAGTGGCAGATGAAATGCTGCAAGTGTGAC
TCCAGGCTGCCTCGAAATTACAACAGTCACCGAGTGGAGAATGTCGCATCGTCTTCAGGCCCCATGCGCT
GGTGGCAGTCACAGAATGATGTGAGCCCTGTCTCTCTGCAGCTGGACCTAGACAAGAGGATGCAGCTTCA
GGACATCATGATGGATTTTAAGGGTCTCACACCAGCTGGCATGTTGATTGAGCGCTCTTCTGACTTTGGC
AAGACATGGAGGGTGTACCAGTACCTGGCGACAGACTGTGCCAGCACCTTTCCCCAGGTCCACCAGGGCC
AGCCCAAGAACTGGCAGGACGTCCGGTGCCGGCCCTTGTCCCAGAGGCCTAATGGGCATCTGACTGGGGG
AAAGGTCCAACTTAACCTTATGGATTTAGCATCAGCTATCCCTGCATCTCAAAGTAAAAAGATTCAAGAA
CTTGGGGACATCACAAACTTGAGAGTCAACTTCACCAAGCTGGCCCCTGTGCCCCAGAGGGGCTCCTATC
CACCCAGCGCCTACTTTGCAGTGTCACAGCTACGTCTACAGGGGAGTTGCTTCTGTCACGGACATGCCGA
CCGCTGTGCCCCTAATCCTGGAGGTTCTACCACTGCTGTGCAGGTCAACAATGTCTGTGTCTGCCAGCAT
AACACAGCTGGCCCCAATTGTGACCGCTGTGCCCCTTTCTACAACAACCGTCCATGGAGACCTGCAGAGG
GCCAGGACACCCACGAGTGCCAAAGGTGTGACTGCAATGGGCACTCAGAGACCTGCCACTTCGACCCAGC
TGTGTTTGCTGCCAGCCAGGGGACAAATGGAGGTGTGTGTGACAACTGCCGGGACCACACCGAGGGCAAG
AACTGCGAGCGCTGTCAGCTACACTATTTCCGGAATAGACGACCCAGCGCTCCCATTCATGAGACTTGTA
TTCCCTGTGAGTGTGATCCAGATGGAGCAGTCCAGGGAGCTCCCTGTGACCGACTGACGGGCCAGTGTGT
GTGCAAAGAGTACGTGCAAGGAGAGCGCTGCGACCTTTGCAAGCCTGGCTTCACCGGGCTCACCTTCGCC
AACCCGAAGGGCTGCCATGCCTGTGACTGCAGTATCTTAGGTGCCCGGAAAGATATGCCTTGTGAGGAGG
AAACCGGACGCTGCTTGTGTCTGCCCAATGTAGTGGGCCCCAAATGTGACCAGTGTGCCCCTTCCCACTG
GAAGCTGGCCAGCGGCCTGGGCTGCGAGCCCTGTGCCTGTGACCCTCGCAACTCCCTAAGCTCCCAGTGC
AACCAGTTTACAGGACAGTGTCCTTGTCGGGAAGGGTTTGGCGGCCTCACGTGTAGTTCTGCAGCCATCC
GCCAGTGTCCTGACCAGACCTATGGACACGTGGCCACAGGGTGCCGAGCTTGTGACTGTGACTTCAGAGG
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AACAGAGGGTCCTGGCTGTGACAAAGCCTCAGGCCGTTGCCTCTGCCGCCCTGGCTTTACCGGGCCCCGC
TGTGACCAATGCCAACGAGGTCACTGTGACCGCTACCCAGTATGTGTGGCCTGCCACTCCTGCTTCCAGG
CCTATGACACAGACCTCCAGGAGCAAGCTCGACGCCTTCACAGTCTCCGTAATGCCACCGAAGGCCTGTG
GACAGGGACAGGTCTGGAAGACCATGGCCTGGCTTCTCGGTTGCTAGATGCCAAGAGCAAGATTGAGCAG
ATCAGACAGATTCTGGAAGGCACTTCTGTCACAGAGCAGGATGTGGCTCAGGTGGCCAATGGCATCTTGT
CTATCAGGAGAACTCTTCAGGGCCTGCCGCTGGACCTGCCCTTAGAGGAGGAGATGGAATCCTTCTCTGG
AGACCTGGGGAATCTAGACAGAAGCTTCAGTCGGCTCCTCCTTATGTACCGAAGCAAGAAGGAGCAATTT
GAGAAGCTAAGCAGTGAAGACCCTTCAGGAGCCTTCCGCATGCTGACCATGGCTTATGAGCAGTCCTCCC
GGGCTGCACAGCAAGTGTCTGACAGTTCTAGCCTGCTGAGCCAGTTGAGGGACAGTCGCAGGGAAGCAGA
GGGCCTGGAGAGACAGGCTGGAGGAGGAGGCACCGGAGGAGCTCAGCTCATGGCCCTGCGCCTAGAAATG
GCTTCGCTGCCTGACTTGACACCCACCATCAACAAGCTTTGTGGCAGGTCTAGGCAGACAGCCTGTACTC
CAGGAGATTGCCCTGGAGAGCTGTGTCCTCAGGACAATGGTACAGCTTGTGGCTCTCACTGCAGGGGAGC
CCTGCCCAGAGCCAAAGGGGCCTTCCACATGGCAGGGCGGGTAGCTGAGCAGCTACGAAACTTCAACACC
CAGCTCCAGCAGACCAGGCAAATGATCAGGGCAGCCGAGGAAGCAGCATCAAGGGTCCAAGCCGATGCCC
AGCGCCTTGAGACCCAGGTGAGTACCAGCCGCTTGCTGATGGAGGAAGATGTCCAGCGCACACGGCTTCT
CATCCAACAGGTCCGGGGCTTTCTCACAGATCCTGACACAGATGCAGCCACCATCCAACAGGTCAGCGAG
GCAGTGCTGGCTCTCTGGCTGCCCACAGACTCAGCCACAGTGCTGCGCAAGATGAAAGAGATCCAGGCCA
TTGCGGCCAGGCTCCCTAATGTGGACTCAGTGCTATCCCAGACCAAACAAGACATCGCACGGGCCCGCAG
GCTCCAGGCTGAGGCTGAGCAGGCCAGAAGCCGAGCCCACGCTGTGGAAGGGCAGGTAGATGATGTGGTC
GGGAACCTTCGGCAGGGCACCGTGGCTCTGCAGGAAGCTCAGGACACAATGCAGGGTACTGGCCGCTCTC
TTCGGCTCATCCAGGAAAGGGTTGGTGAGGTTCAGCAGGTCCTTGTACCAGCTGAAAGGCTGGTGAAAGG
CATGAAGGAACAGATGAGTGGATTCTGGGCACGGATGAAGGAGCTTCGCCGTCAGGCCCAGGAGGAGCAG
GCCCAGGCAATGCAGGCCCGGCAGCTTGCAGAGGGTGCCAGCCAGCAGGCAATGAATGCCCAGGAGGGCT
TTAAGAGACTTAAGCAAAAGTATACAGAGTTGAAGGACCGGCTGGGTCAGAGTCCTGTGCTGGGCGAGCA
AGGCAATCGAATCCTGAGCATCAAGATGGAGGCAGAGGAGCTCTTTGGGGAGACCATGGAAATGATGGAC
AAAATGAAAGACATGGAGTCAGAGCTGCTTCGAGGGAGTCAGGCTATCATGCTGCGCTCTGCAGACCTGT
CGGGGCTGGAGAAGCGTGTGGAGCAGATCCGCAGTTACATCAATGGGCGAGTGCTCTACTATGCCACCTG
CAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008484

Insert Size: 3507 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).

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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_008484.2, NP_032510.2
RefSeq Size:	4055 bp
RefSeq ORF:	3507 bp
Locus ID:	16780
UniProt ID:	Q61087
Cytogenetics:	1 97.71 cM
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] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.

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