

Product datasheet for MC224935

Lamb2 (NM_008483) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lamb2 (NM_008483) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lamb2
Synonyms: AW211941; Lamb-2; Lams; npht
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224935 representing NM_008483
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGGATCGCC

ATGGAGTGGGCCTCAGGAGAACCAGGGAGGGGCAGGCAGGGACAGCCTTTGCCATGGGAACCTCGCTTGG
 GCCTACTTCTAAGTGTGCTGGCTGCCACATTGGCCAGGCCCGTCTTGGATGTACCTGGCTGTTCTCG
 AGGAAGCTGCTATCCAGCCACCGGTGACCTGTTGGTGGGCCGTGCGGACAGACTGACGGCCTCATCCAGC
 TGTGGCTTGCATAGCCCTCAACCTACTGTATTGTGAGTACCTGCAGGACGAAAAGAAGTGTTCCTGT
 GTGACTCCCGACGTCCCTTCTCTGCTCGAGACAACCCAAATAGTCATCGGATCCAGAATGTATGCCAGC
 CTTTGGCCACAACGCCGGACAGCCTGGTGGCAATCGGAGAACGGGGTCCAATGGTCACCATCCAACCTG
 GACCTGGAAGCTGAGTTTCATTTACCCACCTCATTATGACGTTCAAGACGTTCCGGCCTGCTGCTATGC
 TGGTGGAGCGTTCTGCAGACTTTGGCCGACCTGGCACGTGTACCGATATTTTCTATGACTGCGGGGC
 TGACTTCCCGGAATCCCACTGGCCCGCCACGTCGCTGGGATGATGTAGTGTGAGTCCCGCTACTCA
 GAAATCGAGCCGTCTACGGAAGCGAGGTATCTATCGTGTGCTGGACCCTGCTATTCCTATCCAGACC
 CCTACAGCTCACGGATTCAGAACCTGTTGAAGATCACCAACCTACGAGTGAACCTAACCCGGCTCACAC
 ACTGGGAGACAACCTTGCTTGACCCACGGAGGGAGATCCGGGAAAATACTATTATGCTCTCTATGAACCT
 GTCATCCGTGGCAACTGCTTCTGCTATGGCCACGCCTCACAGTGTGCGCCTGCACCAGGGGCGCCGGCC
 ATGCTGAGGGCATGGTACACGGAGCCTGTATCTGCAAGCACAATACTCGTGGACTCAACTGTGAGCAGTG
 TCAGGATTTCTATCAGGACCTTCCCTGGCACCTGCAGAGGACGGCCATACTCACGCCTGTGCGAAGTGT
 GAGTGAACGGGCATACTCATAGCTGCCACTTTGACATGGCTGTCTACCTGGCATCTGGAATGTAAGTG
 GAGGCGTATGCGATGGGTGTGAGCACAACAGCTGGGCGCCATTGTGAGTCTGCCGGCCCTTCTTCTA
 CCGTGACCCACCAAGGACATGCGGGACCCAGCTGTGCGCTCCTTGTGACTGTACCCTATGGGTTCT
 CAAGATGGTGGTCTGATGATTCTCATGATGACCTGTGCTAGGACTGGTCTCAGGCCAGTGTGCTGCA
 AAGAACACGTGGTTGGCACTCGCTGCCAGCAATGCCGTGATGGCTTCTTTGGACTAGTGCCAGTGACCC
 TCGAGGGTGCCAGCGTTGCCAGTGAATTCACGGGGCACAGTGCCTGGGAGCTCCCTTGTGACTCCAGT
 AGTGGAACCTGTTTCTGCAAGCGTCTGGTGACCGGACATGGCTGTGACCCTGTCTGCTGGCCACTGGG



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GCCTGAGCCATGACCTGCTGGGCTGCCGTCCCTGTGACTGTGATGTGGGCGGTGCCTTGATCCTCAGTG
TGATGAGGCCACCGGTGAGTCCGCTGCCGCAACACATGATTGGGCGGCGTGCGAACAAGTGCAGCCT
GGCTACTTCCGGCCTTTTCTGGACCATTAACCTGGGAGGCTGAGGCTGCCCAAGGGCAGGGGCTTGAGG
TGGTAGAGCGGCTGGTGACCAACCGAGAGACTCCGTCTGGACTGGCCAGGCTTTGTGCGGCTGCGAGA
AGGTGAGGAAGTGGAGTTCCTGGTGACCTTTTGCCTAGGGCCATGGACTATGACCTGCTACTGCGTGG
GAGCCCCAGGTCCTGAGCAATGGCAGAGCTGGAAGTGGTGCAGCGTCCGGGGCCTGTGTCTGCTC
ACAGTCCGTGCCGGCATGTGCTGCCTAAGGATGACCGCATTGAGGGGATGCTTCAACCCAAACACCAAGTT
TTTGGTGTTCAGACCTGTCTGCCTTGAGCCTGGCATCTCCTACAAGCTGAAGCTGAAACTGATCGGA
ACAGGGGGACGAGCCAGCCTGAAACCTCCTACTCTGGATTACTCATTGACTCGTGGTCTGCAGCCCC
ACGCTTGGTGCTAGAGATGTTTGTGGGGGCGATGCTGCTGCTGAGAGCGCGTACCACCTTTGAACG
CTACCGCTGCCATGAGGAAGGTCTGATGCCAGCAAGGCCCTCTATCTGAGACCTGTGCCCCCCCTCTC
ATCAGCGTGTCCGCTTGATCTACAATGGCGCTTGGCATGTCAGTGTGACCCTCAAGGCTCACTGAGTT
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GCTGGTTTTATGGGGACCCACGGCTGCCATATGGGGGCCAGTCCGGCCTTGTCCCTGCCCTGAAGGCC
CTGGGAGCCAGCGACACTTTGCTACTTCTTGCACCGGATGGATATCCAGCAAAATTGTGCGCAGTG
TCGAGAAGGCTACACAGGGCTTCGGTGTGAAGCTTGTGCCCGGGCAGCTTTGGGAGCCATCAAAGCCA
GGTGGCAGGTGCCAATGTGTGAGTGCAGTGGAAACATTGATCCCATGGACCTGATGCCTGTGATCCCC
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TGCCCCATACCAGCCTGTGCCATTGTGACCCAAAGCACTGGGCAGTGGCCATGCCTTCCCATGTCCAAG
GCCTCAACTGTGACCATTGTGCCCCAACTTTTGAACCTTACCAGTGGCCGTGGCTGCCAGCCTTGTGC
TTGTACCCAAAGCCGGGCGAGAGGCCCTACCTGCAATGAGTTCACAGGGCAGTGTCACTGTGATGCTGGC
TTTGGTGGGAGGACTTGTCTGAGTGCCAAGAGCTCTACTGGGGAGACCTGGTCTGCAGTGGCGTGCCT
GTGACTGTGATCCTAGAGGAATAGACAAACCTCAGTGTGATCGTTCACAGGCCACTGTAGTGGCGCC
AGGCGTGTCTGGTGTGCGCTGTGACCAGTGTGCTCGTGGCTTCTCAGGGGTTTTCTGCTTGTACCCCC
TGCCACGCTTGTCTTGGAGACTGGGATCGTGTGGTACAGGACCTGGCTGCTCGGACGCGGCGCTGGAGC
AGTGGGCTCAGGAGTGCAGCAAACAGGAGTGTGGGTGCCTTTGAGAGCAGCTTTTGAACATGCAGGG
GAAGCTAGGCATGGTGCAGGCCATTATGAGTGGCCGCAATGCCTCAGCCGCTTACGGCGAAGCTTGTG
GAGGCCACAGAGGGACTACGTGATGAAATCGGGAAGACCACCGAGCGCCTGACTCAGTTAGAAGCAGAGC
TAACAGCTGTGCAGGATGAGAACTTCAATGCCAACATGCACTCAGTGGTCTGGAGAGAGACGGGCTTGC
GCTTAATCTCACCTGAGGCAGCTGGATCAGCATCTGGAGATCCTCAAACATTCAAATTTCTTAGGTGCC
TATGACAGCATCCGACATGCCACAGCCAGTCCACAGAGGCAGAGCGCGTGCACACGCCTCCACCTTGT
CAGTACCCAGCCCTGTGAGCACTCAGCAGATACCCGGCGTCCGACGGAAGTGTAAATGGGTGCCAAAA
AGAAAACCTCAACCGCCAACATTTGGCCAACAGCAGGCACTGGGACGGCTCTCTGCACATGCCACACC
CTGAGCCTGACGGGCATAAATGAGTTGGTGTGTGGGGCACAGGGGACGACCCCTGTGCCACCGCCTT
GTGGGGGTGCCGGATGTCCGGATGAAGATGGGCAGCCCCGTGTGGTGGCCTCGTTGAGTGGGGCAGC
AGCCACGGCAGATCTAGCGCTGGGCCGGCTCGGCACACGCAGGCAGAGTGCAGCGGGCACTGGTAGAA
GGTGGCGGCATCCTCAGCCGGGTGTCTGAGACTCGTCGGCAGGCAGAAGAGGCACAGCAGCGAGCACAGG
CAGCCCTGGACAAGGCTAATGCTTCCAGGGGCCAGGTGGAACAGGCCAATCAGGAGCTTCGAGAACTTAT
CCAGAATGTGAAAGACTTCTCAGCCAGGAGGGAGCCGATCCTGACAGTATTGAAATGGTAGCGACTCGG
GTGCTAGACATCTCCATCCCGCCTCACCCGAGCAGATCCAGCGCCTAGCCAGTGAATTGCAGAACCGG
TCCGAAGCCTGGCCGACGTGGACACAATCCTGGCCATACCATGGCGACGTGCGTGGGCTGAACAGCT
ACTGCAAGATGCGCACCGGGCACGGAGCCGGGCGAGGGTGTGAGAGACAGAAGGCAGAGACAGTCCAAGCG
GCACTGGAGGAGGCTCAGAGGGCACAAGGAGTGTCTCAGGGTGCATCTGGGGAGCAGTGGTTGACACAC
AAAACACAGAGCAGACCTGCAGCGGTCAGGAGAGGATGGCAGGTGCAGAGAAGTCTCTGAACTCTGC
CGGTGAGCGGGCTCGGCAATTAGACGCCCTCCTGGAGGCCCTGAAACTGAAACGGGCAGGAAATAGCCTG
GCAGCATCTACAGCGGAAGAAACAGCAGGCAAGTGGCCAGAGCCGTGCCAGGGAGGCTGAGAAACAAC
GGGAACAAGTAGGTGACCAATACCAACAGTGAAGGCGTTGGCAGAGCGGAAGGCTGAAGGTGTTCTGGC

TGCACAAGCCAGGGCAGAACAACCTGCGGGATGAGGCTCGGGACCTGTTGCAGGCCGCTCAGGATAAGCTG
CAGCGGCTACAGGAGCTGGAGGGCACATATGAGGAGAACGAGCGTGCCTGGAGGGCAAAGCGGCCAGC
TGGATGGGCTGGAAGCCAGGATGCGCAGTGTGCTCCAGGCCATCAACTGCAGGTCCAGATCTACAACAC
CTGCCAGTGA

AGCGGACCCACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_008483
Insert Size:	5400 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_008483.3 , NP_032509.2
RefSeq Size:	5624 bp
RefSeq ORF:	5400 bp
Locus ID:	16779
UniProt ID:	Q61292
Cytogenetics:	9 59.4 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]