

Product datasheet for **RN217523**

Lamb3 (NM_001100841) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lamb3 (NM_001100841) Rat Untagged Clone
Tag: Tag Free
Symbol: Lamb3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217523 representing NM_001100841
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGACGGCACTTTCTCTTGTGGCTTGCCCTGGCCTCCTGTGTGCCAGCAACCTGCTCCC
GAGGGCCTGTTATCCACCTGTTGGGACTTGCTCATTGGAAGGACTCAGCTTCTTCGAGCCTCGTCTAC
CTGTGGATTGACCAAGCCTGAGACCTATTGCACCAATATGGACAGTGGCAGATGAAATGCTGCAAGTGT
GACTCCAGGCTGCCTCGCAACTACAACAGTCACCGAGTGGAGAAGCTTGTATCGTCTTCAGGCCCATGC
GCTGGTGGCAGTCCCAGAACGATGTGAGCCCTGTCTCTTCAACTGGACCTAGACAAGAGGATGACAGT
TCAGGACATAATGATGGATTTAAGGGTCTCATGCCAGCTGGCATGTTGATTGAGCGCTCTTCTGACTTT
GGCAAGACATGGAGGGTGTACCACTACCTGGCGACAGACTGTGCCAGCACCTTTCCCGAGTCCACCAGG
GCCAGCCCAAGAACTGGCAGGACGTCCGGTGCCGGCCCTTGTCCCAGAGGCCTAATGGGCATCTGACTGG
GGGAAAGGTCCAACCTAACCTTATGGATTTGGCATCAGCTATCCCTGCATCTCAAAGTAAAAAGATTCAA
GAACTAGGAGACATCACGAACCTGAGAGTCAACTTCACCAAGCTGGCCCCAGTGGCCAGAGGGGCTCCT
ATCCACCCAGCGCTACTTTGCAGTATCACAGCTACGTCTACAGGGGAGTTGCTTCTGTGATGGACATGC
CGACCGCTGTGCCCTAATCCTGGAGGCCCTACAGGTTCCACCACCGCTGTGCAGGTCAACGATGTCTGT
GTCTGCCAGCACAAACAGCTGGCCCCAACTGTGACCGCTGCGCCCCCTTCTACAACAACCGGCCATGGA
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CTTCGACCCAGCTGTGTTTGTGCTAGCCAAGGGACAAGTGGAGGCGTGTGTGACAACTGCCAGGACCAC
ACAGAGGGCAAGAACTGTGAGCGATGTCAGCTACACTATTTCCGGAATAGACGACCAGGCGCTCCCATTC
ATGAGACCTGTATTCCCTGCGAGTGTGATCCAGACGGGGCAGTCCCAGGAGCTCCCTGTGACCGACTGAC
GGGCCAGTGCCTGTGCAAAGACCAGTGAAGGGGAGCGCTGTGATCTTTGCAAGCCTGGTTTCACAGGG
CTCACCTTCGCCAACCCACAGGGTGCATCCCTGTGACTGCAGCATCTTAGTACCCGCAAGATATGC
CTTGTGAGGAGGAAACTGGACGCTGTTGTGTCTTCCCAATGTAGTGGGCCCAAAATGTGACCAAGTGGC
CCCTTCCCACTGGAAGCTGGCCAGCGGGCGGGGCTGTGAGCCCTGTGCCTGTGACCCACGCAACTCCCTC
AGCTCCCAAGTGAACAGTTTACAGGGCAGTGTCTTGTGCGGAAGGGTTTGGTGGCCTCACATGTAGTT
CTGCAGCCATTGTCAGTGTCCCGACCGGACCCATGGAGACGTGGCCACAGGGTGGCCAGCCTGTGACTG
TGACTTCAGAGGAACCGAGGGTCTGGCTGTGACAAAACCTCAGGCCGTTGCCTCTGCCGCCCGGCTTG



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ACAGGGCCCCGCTGCGACCAGTGCCAACGAGGCTACTGCGACCGCTACCCAGTGTGTGTGGCCTGCCACT
CTTGCTTCCAGGCCTATGACACAGACCTCCAGGAGCAGGCTTGGCGCCTTGGCAGTCTCCGTAATACCAC
TGAAGGCCTGGGCACAGGGACAGGTCTGGAGGACCGTGGCCTGGCTTCTCGGTTGCTAGATGCCAAGAGC
AAAATCGAGCAGATCAGACAGATTCTGGGTGGCACCTCTGTACAGAGCGGGATGTGGCTCAAGTGGCCA
ATGCCATCCTGTCTATCAGGAGGACTCTCAGGGCCTGCCCTGGACCTACCCTTAGAGGAGGAGATGGA
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AGCAGTCCTCCCGGCTGCACAGCAAGTATCCGACAGTTCAGCCTGCTGAGCCAGCTGAGGGACAGTCG
CAGAGAGGTAGAAGTCTGGAGAGACAGACTGGAGAGGGAGGAGCTGGAGGAGCTCAGCTCATGGCCCTG
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CAGCCTGCACCCAGGAGACTGCCCTGGATTGCTGTGTCCCAGGACAATGGTACAGCCTGTGGCTCTCA
CTGCAGGGGAGCCCTGCCAGAGCCAGAGGGCCCTTACACATGGCAGGGCAGGTAGCTGAGCAGCTACGA
AGCTTCAATACCCAGCTCCAGCAGACCAGGCAATGATCAGGGCAGCTGAGGAGGCAGCATCAAAGTCC
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CACACGGCTTCTCATCCAGCAGGTCCGGGGCTTCTCACAGACCCTCACACAGATGCAGCCACCATCCAA
CAGGTGAGCGAGGAGTCTGGCTCTCTGGCTGCCACAGACTCAGCTACAGTGCTACGCAAGATGAAAAG
AGATCCAGGACATTGCTGCCAGGCTCCCTAACGTGGACTTAGTGCTATCCAGACTAAGCAGGACATTGC
ACGGGCCCGCAGGCTCCAGGCTGAGGCCGAGAAGGCCAGAAGCCGAGCCACGTTGTGGAAGGGCAGGTG
GATGACGTGGTCGGGAACCTCAGGCAGGGCACCCTGGCTCTGCAGGAGGCTCAGGACACTATGCAGGGCA
CTGGCCGCTCTCTTCGGCTCATCCAGGAAAGGGTTACTGAGGTTACAGAGTTCAGCAGGTCTGGTACCAGCTGAAAAG
GCTGGTGAAAGGCATGAAGGAACAGATGAGTGGATTCTGGGCACGGGTGAAGGAGCTCCGCCATCAGGCC
CAGGAAGAGCAGGCACAGGCAATGAAGGCCAGCAGCTGCAGAGGGTGCCAGCAATCAGGCCATGAATG
CTCAGGAGGGCTTTGAGAGACTTAAGCAAAGGTATACAGAGTTGAAAGACCGGCTGGGTGAGAGTCTAT
GCTGGGTGAGCAAGGCAATCGGATCTTGAGCATCAAGGCCGAGGCAGAGGAGCTTTGGGGAAACCATG
GAAATGATGGATAAAATGAAAGACATGGAGTACAGAGCTGCTTCGAGGGAGTCAGGCCATCATGCTTCGTT
CAGCAGACCTGTCCGGGCTGGAGAAGCGCGTGGAGCAGATCCGCGAGTTACATCAACGGGCGTGTGCTGTA
CTATGCCACCTGCAAGTGA
    
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
    
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- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100841
- Insert Size:** 3519 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:

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_001100841.1](#), [NP_001094311.1](#)

RefSeq Size: 4078 bp

RefSeq ORF: 3519 bp

Locus ID: 305078

Cytogenetics: 13q27