

Product datasheet for **RN200947**

Lamb2 (NM_012974) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lamb2 (NM_012974) Rat Untagged Clone
Tag: Tag Free
Symbol: Lamb2
Synonyms: SLAM
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200947 representing NM_012974
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTGGGCCTCAGGAAAACCAGGGAGGGGCAGGCAGGGACAGCCTGTGCCATGGGAACCTTCGCTTGG
GCCTACTTCTAAGTGTGCTGGCTGCCACATTGGCCCAAGTCCCATCCTTGGATGTACCTGGCTGTTCTCG
AGGAAGCTGCTATCCAGCCACCGGTGACCTGTTGGTGGGCGGTGCAGACAGACTGACAGCCTCCTCCAGC
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GAAATTGAGCCATCTACTGAAGGCGAGGTCACTATCGTGTGCTGGATCCTGCTATTCTATTCCAGACC
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GAGTGAACGGGCATAGTCATAGCTGCCACTTTGACATGGCTGTGTACCTGGCATCTGGAACGTAAGTG
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CAAGACGGTGGCCGCTGTGATTCCCATGATGACCTGTGCTAGGTCTGGTCTCAGGCCAGTGTGCTGCA
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TCGAGGATGTCAGCGTTGTGAGTAACTCAAGGGGCACAGTGCCTGGGGCACCCCTTGTGACTCCAGT
AGTGGAACCTGTTTCTGCAAGCGTCTGGTACTGGAGACGGCTGTGACCCTGTCTGCTGGCCACTGGG



GCCTGAGCCATGACCTGCTAGGCTGCCGCCCTGTGACTGTGATGTGGGCGGTGCCTTGGATCCTCAGTG
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 AAGCCAGTGGCAGGTGCCAACTGTGTGAGTGCAGTGGGAACATTGACCCACGGATCCCGGTGCCTGTG
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 GCTCGCACTTAATCTCACACTGAGGCAGCTTACCAGCATCTGGATATCCTCAAACACTCAAATTTCTTA
 GGTGCCTATGACAGCATCCGACATGCCACAGTCACTACAGAAAGCAGAGCGCCGGGCAATGCCTCCA
 CCTTTGCAATACCCAGCCCTGTGAGCAACTCAGCAGATACCCGGCGTCCGGCAGAAAGTCTAATGGGTGC
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 CATACCTGAGCCTGACGGGAGTAAATGAGCTGGTGTGTGGGGCCCAAGGGGACGACCCCTGTGCTACCA
 GCCCTTGTGGGGTGTGGATGTCGGGATGAGGATGGGCAACCCGCTGTGGTGGCTCGTTGCAAGTGG
 AGCAGCAGCCACAGCAGATCTAGCACTGGGCGGGCTCGGCACACACAGGCAAGCTGCAGAGAGCGCTG
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 ACAGCTACTGCAAGATGCACAGCGGGCACGGAGCCGGCTGAGGGTGGAGACAGAAGGCAGAGACAGTC
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 CTCTGCTAGTGAAGCGGGCTCGGCAGTTACATGCCCTTCTGGAAGCCCTGAAACTGAAAGGGCAGGAAAC
 AGCCTGGCAGCATCTACAGCTGAAGAGACAGCAGGCACTGCCAGAGCCGTGCCAGGGAGGCTGAGAAAC
 AGCTACGGGAACAAGTAGGTGACCAGTACCAAACCTGTGAGGGCGTTGGCTGAACGGAAAGGCTGAAGGTGT

TCTGGCCGCACAAGCCAGAGCAGAACTGCGGGATGAGGCTCGGGTCTGTTGCAGGCTGCTCAGGAC
 AAGTTGCAGCGGCTACAGGAAGTGGAGGCGACATATGAAGAGAATGAACGCGAACTGGAGGTCAAAGCGG
 CTCAGCTGGATGGGCTGGAGGCCAGGATGCGCAGTGTGCTTCAGGCAATCAACCTGCAGGTCCAGATCTA
 CAACACCTGCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_012974
- Insert Size:** 5406 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:**
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_012974.1](#), [NP_037106.1](#)
- RefSeq Size:** 5581 bp
- RefSeq ORF:** 5406 bp
- Locus ID:** 25473
- UniProt ID:** [P15800](#)
- Cytogenetics:** 8q32
- Gene Summary:** a component of the basal lamina; may be involved in motor neuron function [RGD, Feb 2006]