

Product datasheet for **RN206567**

Lad1 (NM_001107942) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lad1 (NM_001107942) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lad1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206567 representing NM_001107942
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGGTCAGCAGAAAGGACTGGTCCGCGCTGTCTAGCCTGGCCCGCAGAGGACTTTGGAGGATGAAG
AGGAACAGGAGCGTGAACGCAGGCGGAGGCACCGCAACCTGAGTTCAACACAGAGGATGAATCTCCAAA
ACTCACCCAGAATGGAGCTCAGAGATCTGTGGAGAGGCTGCCAGTGTGGAGGAAGCAGAGGTCTCCAAG
CCATCCCCCTCCAGCCTCCAAAGACGAAGGCGAAGATTCCAGGCCATCCTCAGGACCAGAAAAGGGCGGA
GACAGAGGCAGCAGGTGGTAGGGCTGTCCAGGCTCCGGGACAGGAGAAGGTAGAGGCAGAGGAGGAAAAG
GGACAGCCTGGGCCCTGAGCAGACCGTGTGCGAGCCCCTTGTGCCTAAGAAGAAAGTGGAGTCCCTGCCT
CGCCGGAGACTGAGTCGGGAGCAGCGAGGCCCTTGGGCCAGGAAGAAGAATGTCTAAAGAGCAGAGAGC
TTGTGGAAGGAGAAAAGGGCGTCCAGAGGAGACAGCAGCTCAGCAGAAATCGCCTGTCTCAGAGAAAAC
CCCAGTGTCCGCCAAGAGACTGGTTTCGGAGAAAGCCTGCCCTCAGAGAAGGGGACAGCCACAGAGAAA
GGTCTCCAACCGAGAAAAGACCAGAGAAGTTGGTTCCAGAAAAGAACAAGTGTGACAGAGAAGTCACCGAG
CCCCTGAGAAGCACTTGTGTCCCTGAAGACAGCAGCACCAGAGAGAAGGTCCCCTCCAGTTCTAGAAAA
AGCCACCGTCTCTGAGAAGATGCAGGAGAGGAAGCTGGTGTCCGGAGAAAGCGTCCATCTTCGAGAAGCCA
CTGGTCTCAGAGACGAAGCTGACTCCAAGAAGGCAGCGGTGTGACAGCAGCCCCAGACCCCTGGGGGAA
GCCAGGCCACCACGAGGGAGGTGAGCGGAAGGGCCCTCCCTGGGAAGAGCCCACCTTCTCTGCAGAGCA
GAGCGCACCAGACCCCGGACTAAAGCGTCTCGCTTCTACCCGTCACTGCAGGTGAAAATCCCAGC
AAGGATGAAGATGCAGACATATCTTACCCACACTCACCTACAGCAGTTCCTCAAGCGTCCAGCCCCA
GGACCATCTCCTCCGGATGAGCCTCAAGAAAGACAACCCAGAAAACAACCTTAACCCGAGTGCCAGTGT
GAGGCTGCCGGCTAGCACAGTCAAGCTAGGGGAGAAACTGGAGAGATATCACACGGCCATCCAGAGGTCA
GAATCCGTGAGGTCTCCAGGCTCCTCCCGTACCGAAGTCCTTGTCACTCCTGCTGGTGTAGCCAGCAAGC
GCCACCTCTTTGAGAAGGAACTGTGAGGCCAGAACCGCACAGAACCAACCTCCATCCGAAAGGAGAATCT
GCGTCTGTGAGGGTCTGTGACATCCAAACTTAACCTGTGGATAAGCAGGACCCAGGATTCGGGAGACCAC
GGTCTCAGGAGGTACGAAAAGAGGCATCAGCCACCAAGAGGGCTCAGTGGGAAACAAGTCAACCCAT
CTCTGGATGCAGAGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001107942

Insert Size: 1560 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_001107942.2](#), [NP_001101412.2](#)

RefSeq Size: 2210 bp

RefSeq ORF: 1560 bp

Locus ID: 313325

Cytogenetics: 13q13