

## Product datasheet for **RN217315**

### Lemd3 (NM\_001191000) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lemd3 (NM_001191000) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lemd3
Synonyms:	RGD1561001
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

>RN217315 representing NM\_001191000

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCGGGCGGGCGGCTACGGCGGCTTCGGCGCCTCAGCAGCTCTCAGATGAGGAGCTTTCTCTCAGC  
TCCGCCGTTACGGCTTGTCTCCGGTCCCGTGACAGAGAGCACTCGGCCGGTCTACTCAAGAAGCTGAA  
GAAGCTTCGCGAGGAAGAGCAGCAGCAGCAGCAGCACCAGGGCGGGGGCCGCGGCAACAAGACGCGGAAC  
AGTAATAACAATAACACGGCGGCCGCGGAGTGTAGCCGCGCACCGCGGGGATGGGGTCCGGCCGG  
GCTCGGGGACTTCGCGTACTTACGGACTCCCAGGGCCCGGCCGCTGTGGCCTCCGCTCCGGAGAG  
CCCCGCGGAGGCTCCGGGTGCGCGCGCCGTCGCCGCGGGCAGCAAAGTGTCTGGGCTTTAGC  
TCCGACGAGTCGGACGTGGAGGCCAGTCCGCGGGAGCAGCGGGCGGGCGGAGCGGGAGGGACCGGG  
CTGCTCTCCAGTACCGCGGGCTCAAAGCGCCACCAGCGCCCGGTCGCGGGTGGGCGACGAGCGGCAA  
CTCGGCCGAGCGGAGGAAGCCCACTCGTGGTGGGGGCGCGGAGCCGGTGGGCCCGAGCCGAGCTC  
CGTCCGGGAGCGACGGGCGCGGAGGACGTGGACGAGGAGGTAGCGGACGGTGGAGACAGGGACCGCG  
AGCGGAGGAGCCGCTGTGGGGCAGCCGAGCCGTGAACGCGAGCCGGCTTCTCCCTACAGCTGCCGGGA  
GCATTACTCGACTCGGAGGAGGAGGACGCGCGCGCAGTGGCCTCGGCTAGACAGGTATTAAGGAC  
GACTCCCTTTCCCGCATCGACCCAGACGGAGCCATAGTAAGCCGTTCTCCGCGTACTGCTAAATCTG  
GCGGCAGCCGGCAGGAGACTTCACTTACGGGAGGGGAGGACTCGCGATGAATGACAGGGCGGGCTGC  
GGGAGTCTAGACAGGAGCCGAAACCTCGAGGAGCGGGCGGCGAGCCGGAGGGAGGAGGAGGAGGA  
GGGTGCGATCAAGTGGACTCCATTCCTCGATACCGTGTGGCGGAAGAAGCTGGCACCCGCTCCTGTGCG  
CGCCGAGTCCCGACGTGGACTCAACCTTGGAGTCGCCCACAGGGCCCTCAAACCAATAATCACATAGG  
CGCGGGCGGGCCCTTCGCGTGGATTCCCCAGTCTGTATGCCAACAGCATCCCTCCCGGAGCGGCCGCG  
ACCGCCCTGGTTCAGTCAAGATCAACCACGCCAACCATACGGGCTCCAATCATACCTACCTGAAAAACG  
CCTACAGCAAGCCAAAGCTCTGCGAGCCGAAGAGGAACTTCTCCAGCAGTTAAACGTGAGGAGGTGTC  
TCCGACGGGAGTTTCACTGCTCACTACCTGTCGATGTTCTCTAACTGCAGCCTGCTTATTTTCTTA  
ATATTGGGACTGACTTACCTAGGAATGAGAGGGACAGGAGTACCCGAGGACGGAAGACTCTTAAAAAACC  
CCTTTGATGAAACATTTGAAAAATAACAAGCAAGTAAAAAATCTTATGATGAGCACATTATACAACT  
TCATGATCGATTGGCTCAGATTGCAGGAGATCATGAATGTGGCCGTTCCAGCCAAAGGATGCTTTCTGTC  
CAAGAAGCAGCTGCATATTTAAAGATTTAGTCTGAGTATGAAGATGTATTTAACTTCACTGCTGT  
GGATTTTTAAAAATGGGAAAGATGTTGGAATAAGGTGTGTTGTTATGGACCTGAGGAAGACCTGACAAA  
CATAACCGATGTGCAGTTTTTACAGTCCACCAGACCACAGATGCCGTTCTGGTGGCCTTCCGCCGTGCT  
TTCATTACCGTGACCCATAGGTTACTGCTGTTGTGCTTAGGTGTAGTCTGGTCTGTGCTGCTCCGTT  
ATATGAGATACCGCTGGACGAAGGAGGAAGAAGAGACAAGGCAGATGTATGACATGGTGGTGAAGATCAT  
AGATGTTTTACGAAGTCATAATGAAGCCTGTGAGGAACTAAGGACTTACAGCCTTACATGCCTATTCCA  
CATGTTGAGATTCCTAATACAGCCCCAGGACAGGAAAAAGTGAAGAAAGTGTGGAAAGAGCTGTTG  
ACTTCTTGCTGCTAATGAGTCTAGAGTGCGAACAGAGACTCGAAGAGTGGTGGTGCAGACTTCGTAGT  
CTGGCGGTGGTCCAGCCTTCTGCATCTTGTGACAAGACGTGAGTATACCCCTTAAAGATGGCAAGGT  
CAAGCATTTTATGATAGAAGAAATACCACCAAATAGTTTGACGCCATGTTTAAAGATTCGGAATA  
TGTTTGACCCAGTTATGAAATAGGAGATCACTGGCATCTGGCAATTCAAGAAGCAATTTTAGAGAAGTG  
CAGCGATAACGACGGCATTGTTCAATCGCGGTAGACAGGAACTCCCGTGGGGTGCAGTATGTTAAG  
TGTCTGCTCCGGGACATGCTGGAAAGGCTTTTAAAGCCCTGCACGGCTCCTGGTTCGATGGAAAATTGG  
TAACAGTAAAATACTTACGACTAGATAGATACCACCACCGCTTCCCCAGGCTTACGTGCAGCACTCC  
CTTGAAGCCATCAGACAAACACATGAACTCCATGTCTCACCTGCGCTGCGAACTGGCCTAGCTAATTCT  
CAAGGAAGTTCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-MluI

<b>ACCN:</b>	NM_001191000
<b>Insert Size:</b>	2745 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001191000.1, NP_001177929.1</u>
<b>RefSeq Size:</b>	3120 bp
<b>RefSeq ORF:</b>	2745 bp
<b>Locus ID:</b>	680066
<b>Cytogenetics:</b>	7q22