

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
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN217315 representing NM_001191000

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGCGGGCGGCTACGGCGGCTTCGGCGCCTCAGCAGCTCTCAGATGAGGAGCTTTCTCTCAGC
 TCCGCCGTTACGGCTTGTCTCCGGTCCCGTGACAGAGAGCACTCGGCCGGTCTACTCAAGAAGCTGAA
 GAAGCTTCGCGAGGAAGAGCAGCAGCAGCAGCAGCACCGGGCGGGGGCCCGCGGCAACAAGACGCGGAAC
 AGTAATAACAATAACACGGCGGCCGCGCGAGTGTAGCCGCGGCACCGCGGGGATGGGGTCCGGCCGG
 GCTCGGGGACTTCGCGTACTTACGGACTCCCAGGGGCTCGGCCGCTGTGGCCTCCGCTCCGGAGAG
 CCCCAGGGAGGCTCCGGGTGCGCGCGGCGTCCCCGCGCGGGCAGCAAAGTGTCTGGGCTTTAGC
 TCCGACGAGTCGGACGTGGAGGCCAGTCCGCGGGAGCAGCGGGCGGGCGGAGCGGGAGGGACCGGG
 CTGCTCTCCAGTACCGCGGGCTCAAAGCGCCACCGCGCCCCGGTTCGCGGGTGGGCGACGAGCGGCAA
 CTCGGCCGAGCGAGGAAGCCCCACTCGTGGTGGGGGCGCGGAGCCGGTGGGCCCGAGCCGAGCTC
 CCGTCGGGGAGCGACGGGCGCGGAGGACGTGGACGAGGAGGTAGCGGACGGTGGAGACAGGGACCGGG
 AGCGGAGGAGCCGCTGTGGGGCAGCCGAGCCGTGAACCGCAGCCGGCTTCTCCCTACAGCTGCCGGGA
 GCATTACTCGGACTCGGAGGAGGAGCAGCGCGCGCAGTGGCCTCGGCTAGACAGGTATTAAGGAC
 GACTCCCTTTCCCGCATCGACCCAGACGGAGCCATAGTAAGCCGTTCTCCGCGTACTGCTAAATCTG
 GCGGCAGCCGGCAGGAGACTTCACTTACGGGAGGGGAGGACTCGCGATGAATGACAGGGCGGGCTGC
 GGGGAGTCTAGACAGGAGCCGAACTCGAGGAGCGGGCGGCGAGCCGGAGGGAGGAGGAGGAGGA
 GGGTGCATCAAGTGGACTCCATTCCTCGATACCGTGTGGCGGAAGAAGCTGGCACCCTCTGTGCG
 CGCCGACTCCCGACGTGGACTCAACCTTGGAGTCGCCCCACAGGGCCCCCAAACCAATAATCACATAGG
 CGCGCGGGGGCCCTTCGGCGTGGATTCCCCAGTCTGTATGCCAACAGCATCCCTCCCGAGCGGCCGCG
 ACCGCCCTGGTCACTCAGGATCAACCACGCCAACCATACGGGCTCCAATCATACCTACCTGAAAAACG
 CCTACAGCAAGCCAAAGCTCTGCGAGCCGAAGAGGAACTTCTCCAGCAGTTAAACGTGAGGAGGTGTC
 TCCGACGGGAGTTTCACTGCTCACTACCTGTCGATGTTCTCTCTAACTGCAGCCTGCTTATTTTCTTA
 ATATTGGGACTGACTTACCTAGGAATGAGAGGGACAGGAGTACCCGAGGACGGAAGACTCTTAAAAAAC
 CCTTTGATGAAACATTTGAAAAATAACAAGCAAGTAAAAAATCTTATGATGAGCACATTATACAACT
 TCATGATCGATTGGCTCAGATTGCAGGAGATCATGAATGTGGCCGTTCCAGCCAAAGGATGCTTTCTGTC
 CAAGAAGCAGCTGCATATTTAAAGATTTAGGTCCTGAGTATGAAGATGTATTTAACTTCACTGCTGT
 GGATTTTTAAAAATGGGAAAGATGTTGGAATAAGGTGTGTTGGTTATGGACCTGAGGAAGACCTGACAAA
 CATAACCGATGTGCAGTTTTTACAGTCCACCAGACCACAGATGCCGTTCTGGTGGCCTTCCGCCGTGCT
 TTCATTACCGTGACCCATAGGTTACTGCTGTTGTGCTTAGGTGTAGTCTGGTCTGTGCTGCTCCGTT
 ATATGAGATACCGCTGGACGAAGGAGGAAGAAGAGACAAGGCAGATGTATGACATGGTGGTGAAGATCAT
 AGATGTTTTACGAAGTCAATGAAGCCTGTGAGGAACTAAGGACTTACAGCCTTACATGCCTATTCCA
 CATGTTGAGATTCCTAATAACAGCCCCAGGACAGGAAAAAGTGAAGAAAGTGTGGAAAGAGCTGTTG
 ACTTCTTGCTGCTAATGAGTCTAGAGTGCGAACAGAGACTCGAAGAGTGGTGGTGCAGACTTCGTAGT
 CTGGCGGTGGTCCAGCCTTCTGCATCTTGTGACAAGACGTGAGTATACCTCTAAAGTATGGCAAGGT
 CAAGCATTTCATTTAGATAGAAGAAATACCACCAAATAGTTTGACGCCATGTTTAAAGATTTCGGAATA
 TGTTTGACCCAGTTATGAAATAGGAGATCACTGGCATCTGGCAATTCAAGAAGCAATTTTAGAGAAGTG
 CAGCGATAACGACGGCATTGTTCAATCGCGGTAGACAGGAACTCCCGTGGGGTGCCTGTATGTTAAG
 TGTCTGCTCCGGGACATGCTGGAAAGGCTTTTAAAGCCCTGCACGGCTCCTGGTTCGATGGAAAATTGG
 TAACAGTAAAATACTTACGACTAGATAGATACCACCACCGCTTCCCCAGGCTCTTACGTGCAGCACTCC
 CTTGAAGCCATCAGACAAACACATGAACTCCATGTCTCACCTGCGCTGCGAACTGGCCTAGCTAATTCT
 CAAGGAAGTTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001191000
Insert Size:	2745 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:	<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:	<u>NM_001191000.1, NP_001177929.1</u>
RefSeq Size:	3120 bp
RefSeq ORF:	2745 bp
Locus ID:	680066
Cytogenetics:	7q22