

Product datasheet for **RN217182**

Las1l (NM_001170590) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Las1l (NM_001170590) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Las1l
Synonyms:	RGD1565755
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217182 representing NM_001170590
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACGCGTGTGGCGTGGTGGGACGGACAGTCCGTAATGAGAACCAGCCAGACTCGCCGGGAGTCG
 CGGGTATGGTAGTGTCTGGCTCAGCAGGGCTGAGTGGGAGCAAGTGACGGTTTATCTGTTCTGTGATGA
 TCAGAAATTGCAGCAATACGCGCTGAACCGAATTACAGTATGGAGGAGCAGGTTAGGCAACGAACTGCC
 CTGGCAGTGGCTTCTACAGCTGACCTGATACGATGTAAGCTCCTGGATGTAGCCGGTGGCTTGGGCACCG
 ATGAACTTAGATTGCTCTATGGCATGGCATTGGTCAGGTTTGTGAATCTTATCTCAGAGAGGAAGTCCAA
 ATCTTGAACCTTCCCCTCAAATACCTGGCTCATGAGGTGAACATTCCAGAATGGATTGTTGAACCTTCGC
 CACAAGTTGACCCACAAGAAAATGCCCCATATAAATGACTGCCGCAGAGGTTGCTACTTTGTCCTCCATT
 GGCTCCAGAAGACATTCTGGAGCCGTCAACTAGAGGACAGTCTGAAAGAAACCTGGGGGATGGAAGAGGA
 CCAGGTAGAAGCAGATGAACCTGAAGAAGAGGAACTGAAATTATTATTGATGATATAATTGAAGAGATA
 CCAGAGTTTCAGGATGACGACAAAGGTGAAGAATTGGCTGTACAGATGATGCAAACTAAAGGCAATG
 AAGAGGTGGCTTCTCATCCAGAACTATCTCAAGACATAAGGAGTTGTATGAAAAAGCACGAGAATTGCT
 GGTATCATATGAAGAGGAACAGTTTAAAGGTGCTGGAGAAATATAGGCATTTACTTCAGGCTATTAAGGTG
 TGGAATAACCTTTCTCCACGTGTACAAGGTATCCTAGAAGAACTCAAGAGCATTTCATGGGAGAACAGGG
 ATGCTGTACTGGATGCCTTTTACAGCATGGCTTCCTCATTCCCACTTATGAGCAGTTGGCAGCGTTGCA
 GATAGAGTATGAAGAAAACATCGACTTGAATGAAGTGTGGTGCCAAAGCCCTTCTCTCAGTTCTGGCAG
 CCCCTGCTCAGGGGCTGCACTCCAGACCTTCACACAGGCCCTGCTAGAGAGGATGTTCTCTGAGTTGT
 CTACCTGGGGAGAAGTGGGATCCGGCTACCTACATCCTTAGATGGACCGTTGAACTGATCGTGGCCAA
 CACCAAGACTGGACGAAATGCTCGGCGGTTTTCTGCAGGCCAGTGGGAAGCAAGAAGGAGCTGGAGGCTG
 TTCAATTGCTCTTCCACCCTGGACTGGCCCCAGGTGATCGAGGCTGCTTGGGCTCACCTTGTGGGCCA
 GCCTCCAACCTCCTCAGGTAGTCTTCAAAGCCATGGGAGAGGTCTTGCCAGATGAGGAACAGGAGAAGCT
 GCTGCGAGTCTGCTCCATTTATACTCAGAATGGAGAGAGTGGCTTGGCAAAGGCCGTGGAAGGCTCCTCC
 TCCTCCTCCTCTCCTCCTCCTCACTGGGAAAGCTCCATACACGCTGGATACCTTACATCAGGACCTCC
 AGCCACCTGCTACCACTGTGAGTCTGAAGGAAATATTCAACAGAAGGAGCAAGACAACCTTACGGATGT
 CAAGCCAGAGGAGGAGGAAAAGGAGAATGTGGAGGAGGAGGAGGAGGAGGAGAAGGAGGAGGCAGAGATG
 GAAGAGGAGGAGAAGGAGGAGGAGAAGAACAGGAGCAGGAGGAGCACCAGGAGGAAGAACAGGAGGAGG
 AGGAGGAGGAGGAGGAGGAGCAGAAGGTCTTCAAGATCAGATGGAAGCAGATGCAGAGGAAAGTGACGG
 CTTAGGAGAGGAGGAGGAAGTAGATGAGGATGAAGATGATGATGAAGATGACGACTATGATGATGATGAT
 GATGATGATGAAGACGGAATGGATATGGGTGGGTTCTCTCTCCTACAGGGATCCTATGTTCTTGAGAATA
 CTAGGATCATGTCTCAGAAAAGAGAAGCTTTCAGGGTTACAGCATGGCAACTAAGCTCTGATGATGTACG
 ATGGGGTATATTCCCTATCGGCCGAGTACCAGGTGAGTCTGAGGACCCAAACAGAGCTTATGCTGGATAAT
 TATGACACCATGTATCTTTGGACCAACCTGTACTAGAGCACCGGTTAGAACCCAAAAGTCTAAGAGTA
 GCACTCTGGGCTATGCTGTGGCAGCAATAACAATGGCGGTGTTGGCAACATGGAGGGCCTTCTCTGGAA
 CCAAGGACAAATGCATGGGCTCAAAGCTGGCCTGCAGCTCTTC**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001170590
Insert Size: 2286 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:	<u>NM_001170590.1, NP_001164061.1</u>
RefSeq Size:	2483 bp
RefSeq ORF:	2286 bp
Locus ID:	296865
Cytogenetics:	Xq22