

## Product datasheet for **RN201980**

### Lancl2 (NM\_001014187) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lancl2 (NM_001014187) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lancl2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN201980 representing NM\_001014187  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCGAGACCATGTCAAAGAGACTCAAGTTCACCTAGGAGAGCGGAGATGGAGGAGCGGTCGTTTC  
 CTAATCCCTTCTAGACTATGAGGTCGCTGCCACGGGGTTCGCCTCTGGAACGCGGAGGAAAC  
 AGGCCGTGTTGCCCTCTCCACCACAGAAGACCCGGGCTCCCTTTCCACCCAAACGGGAAGATTGTT  
 CCTAATTGATAAAGCGTATCCAGACAAAATTAAGATCTTCTGCAGCAAATGGAAGAAGGCTGAAGA  
 CAGCTGATCCCATGATTGCTCTGCATACACTGGTTGGACAGGCATAGCACTTTTGTACCTGCAGCTGTA  
 CCGGGTCACTGGTGACCAGACCTACCTGCTCCGATCCCTGGATTATGTGAAGAGAACAACCTCCGAAATTTG  
 AGTGGACGCAGAGTCACTTTCTTTGTGGAGATGCTGGGCCCTTGCTGTGGGAGCTGTGATATATCATA  
 AACTCAAAGTGAATGTGAGTCCAGGAATGCATCACAAAACCTTCTACAGATGCATAGAATATTGTCTG  
 CCAAGAATCAGAGCTTCTGACGAGCTGCTGTTCCGACGGCAGGATACCTGTATGCCTTACTGTACCTG  
 AACACAGAAATCGGCCCTGGCACTGTTGGTGAGACAGCTATTAAGAGGTAGTCACTGCTATTATTGAGT  
 CAGGAAAGAGGCTATCTCGGGAAGAGAGAAAAGTGAGCGCTGCCCTCTGTTGTATCAGTGGCACAGGAA  
 GCAATATGTTGGAGCAGCCATGGTATGGCTGGCATCTACTACATGTTAATGCAGCCAGAAGCAAAGTG  
 GACCAAGAAACCTTGACAGAAATGGTGAACCCAGCATCGATTATGTGCGCCACAAAAAATTCAGATCTG  
 GAAATTATCCATCTTCATTAAGCAATGAAACAGATCGATTGGTCCACTGGTGCCACGGTGTCCAGGAGT  
 CATCCACATGCTTTACGGGCATACCAGTTTTTAAGGAGGAAAAACTTGAAGAGGCCATGGAGTGC  
 AGTGATGTGATTTGGCAGCGAGGCTGCTCCGAAAGGCTATGGAATCTGCCATGGAACCTGTAAGTTTGC  
 GTTATTCCTTTTGTCCCTTTATCAACTGACACAGGATAAGAAGTATCTATCGAGCTTGAAGTTTGC  
 AGAGTGGTGTCTAGATTATGGAGCTCACGGATGCCGATTCCCTGACAGGCCTTATCCCTCTTTGAAGGT  
 ATGGCTGGTGTCTTCACTTTCTTTCTGACATGTTGGTACCAGAGACAGCACGGTTTCCGCGATTTGAAC  
 TTGGCTTTGTGCAGAAGGATTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001014187

**Insert Size:** 1353 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\\_001014187.1](#), [NP\\_001014209.1](#)

RefSeq Size: 1607 bp  
RefSeq ORF: 1353 bp  
Locus ID: 362375  
Cytogenetics: 4q24