

Product datasheet for **MC205768**

Lancl2 (NM_133737) Mouse Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Lancl2 (NM_133737) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Lancl2 |
| Synonyms: | 1700003F10Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC016072
 CGACCAGGGGCCGAGGACTGACGGGCGCAAGGCTGGGCTGGTGAATGCAGTCCGTTTGGTGATGGA
 GCATCTGAAGGTGCGCTTTTCCCTGGTCTGCAAAATCGCTCACACTTTGAATGAACCCATCTTTACAGGCT
 TTCCCTACTGGAACGTGAGCTTTCTAGGCGTGCGTTTTCTCTAGAATCTCTCGGAAGGACACGGCCACGG
 GAGAGGCGAGGGTAACTGGGAGACTGTGCGGCTCGGCGGGCTGGGCCGTGAGGCTGAGAGCTGCTGCTGG
 GAGGCGGTGACTGGCGAAGGCTGGAGGTTCCGGCTTTTTCGCGCTAGCTGCATCCAGATGTGCAAGCCACT
 GTTCTCCAGGAAGGCTTCGCCGCGGAGCCCGCCAAACGCCTTCCAGGAGTTTGTCCCTGCCCTGCGC
 GCCGTGCCCTGAGCTCTCAGGCAGGAAAAGCGCGCGACATGGGCGAGACCATGTCAAAGAGACTCAAGT
 TCCACCTAGGAGAGGCGGAGATGGAGGAGCGGTCGTTCCCAATCCCTTCCAGACTATGAAGCCGCCGC
 CTCGCCCGCAGGGCTCGCCGCTGGAAGTGCAGGAGAAACCGGCCGTGCTGCCCTCTCCCCACCACGGAA
 GACCCGGGCTCCCTTTCCACCCTAACGGGAAGATTGTTCCCACTTCATAAAGCGTATCCAGACAAAA
 TCAAAGATCTTCTGCAGCAGATGGAGGAAGGACTGAAGACAGCGGACCCTCATGACTGCTCTGCATATAC
 TGGTTGGACAGGCATAGCACTTTGTACCTGCAGCTGTACCGGTCAGTGGTACCAGACCTACCTGCTT
 CGATCCCTGGATTACGTGAAGAGAACACTCCGAAATTTGAGTGGTCCGAGAGTCACTTTCTTTGTGGAG
 ATGCTGGGCCCTTGCTGTGGGAGCTGTGATATATATAAACTCAAAGTGAATGTGAGTCCCAGGAATG
 CATCACAACAACTTCTACAGATGCATAGAACTATTGTCTGTCAAGAGTCAAGAGCTTCTGTGAACCTGCTG
 TATGGACGAGCAGGATACCTGTATGCCTTACTGTACCTGAACACAGAGATTGGCCCTGGCACTGTTGGTG
 AGACAGCTATTAAGAGGTAGTCAGTGCTATTATTGAGTCGGGAAAAGAGTCTATCAAGGGAAGAAAGGAA
 ATCTGAGCGCTGCCCCCTGCTCTATCAGTGGCAGACAGAAAACAATATGTTGGAGCAGCCCATGGTATGGCT
 GGCATCTACTACATGCTAATGCAGCCAGAAGCAAAAGTGGACCAAGAAACCTTAACCGAAATGGTGAAC
 CCAGCATTGATTATGTGCGCCATAAAAAATCCGATCTGGAAATATCCATCATCATTAAAGCAATGAAAC
 AGATCGATTGGTCCACTGGTCCATGGTCTCCAGGAGTCACTCCAGTGTCTTACAGGCATACCAGGTT
 TTTAAGGAGGAAAAATACTTGAAGAGGCCATGGAGTGTAGCGATGTGATTTGGCAGCGAGGTCTGCTCC
 GGAAAGGTTATGGAATCTGCCATGGAACCTCTGGCAATGGCTATTCTTTTTGTCCCTTTATCGCCTGAC
 GCAGGATAAGAAGTATCTCTATCGAGCTTGAAGTTTGCAGAGTGGTGTCTAGATTACGGAGCAGATGGA
 TGCCGCATTCTGACAGACCTTATTCCCTCTTTGAAGGTATGGCTGGTGTCTTCACTTCTTTCTGACA
 TCTTGGTACCAGAGACAGCAGGTTTCCAGCATTGAACTTGGCTTTTTGCAGAAGGATTAAGGATAT
 CAACACATGTGCATTTCACTGACGCCATTGACTTCTTCTGTTATATCCACTACATGTGCTGCTGTGCATC
 CCATGAGGCTGCAGCCCAATCCATGAGGTAAGGAGAAATGGCACGTGAACAGGATTAAGGGTAC
 TTATGGCCATTTAGAGTTATAAATGTTAAAAATTAATTAAGAACATCTCACTTTTGTCTTAGGCT
 TGTACTATGTCAACAACGTACTCTAAATGTGTTGAAAGCTTAAATATGTACACAAAAATAACATTT
 TGAATCTTAAGGAAAACGTCACTGTTCAAAAAAGTGTGGGTTCTTTGGTTTTGTTAATAAAGA
 CAGTTTTGTGGTGAIAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_133737
- 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: [BC016072](#), [AAH16072](#)

RefSeq Size: 2204 bp

RefSeq ORF: 1353 bp

Locus ID: 71835

UniProt ID: [Q9JJK2](#)

Cytogenetics: 6 B3

Gene Summary: Necessary for abscisic acid (ABA) binding on the cell membrane and activation of the ABA signaling pathway in granulocytes.[UniProtKB/Swiss-Prot Function]