

Product datasheet for **MC219559**

Lcorl (NM_001163073) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lcorl (NM_001163073) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lcorl
Synonyms:	Mlr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219559 representing NM_001163073
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACAAGGAAGAGAGAATGGCCGCTGCCGCCGCTGCTGCCGCCGCCGCCGCTGCCGCTCAGTGCC
 GGAGCCCTCGGTGCGCGCGGAGAGAGGATTCCGGCGGGAACTCGACTCTTGCGCCACCGCCTCAT
 GCACTGTGTAGGTTTTGAGAGTATTTAGAAAGGCTTTATGGACCACGGCTACGAAGAGACCTCAGTTTA
 TTTGAAGACTGTGAACCAGAAGAGCTGACTGACTGGTCTATGGATGAAAAATGTTCAATTTGTAACCTAC
 AGAGAGAAGCAGTCAGTGATTGTATACCATCTCTTGATTCTTACAGTCAACGCCAACAGAGGAGCTATC
 ATCTCAGGGCCAGTCCCACACTGATAAGATTGAATGCCAAGCAGAAAGTTACCTAAATGCACTCTTTGCA
 AAGAAAGATCTTCTCAGAAGTGTATCCTAACATTCCCTTAGTTGCTCAGGAATTAATGAAAAAATGA
 TACGTCAGTTTGAATTGAGTACATCTCAAAAAGCGGTAAAATTAAGAAAAATAGAAATGGTTCAATTGG
 AGCAAGTCTCGTGTGAAAAGTATCCAAATGAACCAAGCAGACAAGTGCCTTCAGGATGAGCAAGAAGGC
 CCCTTAGACCTCACTGTGACTCGAACGCAAGAGCAAACTGCTCAGCAAGGGGATGGAGTGTAGATCTCT
 CTACAAAGAAAACCAGCATAAAGTCTGAAGAGTATCCATAAGTATCCTTCTTCTGAAAATGCAGTGGC
 TGGGAGACTACACAGAAACAGAGAGGACTATGTGGAAAGAAGTGTGAGTTTGAGATGGTTTGCTCTCA
 AAAGCTTTGAAAGACATTCAGTCTGGAGCACTGGACATAAATAAAGCAGGCATACCTTTATGGCATACTC
 AAAAACTTTACTTCTCCACTTAGAAGCCTTACCAGCAGGGAAGCCTGCATCTTTAAAAACAAAACCTCG
 AGATTTCAATGATAGTTACTCATATAACGAAAGTAAAGAACTTGTGCTGTGCTGCAAAAAGTAGCCTTG
 TGGCAAGAGCTCAAACAGAGCGCACAGAAAAAGTAACTCAACCTACTGAAACCTCAGAATTCAAAT
 TCCCAACAGCTTCCAGTTACCTCCATCAGTTAACTCTACAGAAAATGGTTACTCAGTTTAAAGAAAAA
 TGAAGCCTTCAATATGAAACTTCAAATCCTCCTGTACAGTTAAAAATCCTCAGCTACGAGTAAATTCG
 GTTTCAAATCACAAGCTGATGGTTCTGGTCTGCTGGATGTCATGTATCAAGTTTCCAAAACCTCTTCAG
 TCCTTGAAGGATCAGCTCTCAAAAACCTGAAAAATATACTCCCTAAACAGAACAAAACCTAGACTGTTCTGG
 GCCTGTAACCTCAAGTGTGACTCTTACTTTCTACATGGGGACCTCTCTCCTTTGTGCTTAATTCT
 AAAAATGGAACAGTTGATGGAACCTCTGAGAACACTGAAGATGGACTGGACCGGAAAGATAATAAGCAGC
 CCAGGAAAAACGTGGCCGCTATCGACAGTATGATCATGAAATAATGGAAGAGGCCATTGCAATGGTAAT
 GAGTGGGAAAATGAGTGTTCCAAAGCACAAGGAATCTATGGGGTACCTCACAGCACTTTAGAATAACAAG
 GTAAGGAAAGATCTGGAACACTGAAGACTCCTCCGAGAAGAACTACGATTACCAGACTGGGTTAT
 ATATGACAGATTCAGGGACTGGCAGCTGCAGAAACAGCAGCAAGCCTGT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001163073

Insert Size: 1803 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_001163073.1](#), [NP_001156545.1](#)

RefSeq Size: 4970 bp

RefSeq ORF: 1803 bp

Locus ID: 209707

UniProt ID: [Q3U285](#)

Cytogenetics: 5 B3

Gene Summary: May act as transcription activator that binds DNA elements with the sequence 5'-CCCTATCGATCGATCTCTACCT-3'. May play a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript from the same strain was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.