

## Product datasheet for MC212530

### Lcorl (NM\_178142) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lcorl (NM_178142) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lcorl
Synonyms:	Mlr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212530 representing NM_178142 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGACAAGGGAAGAGAGAGAATGGCCGCTGCCCGCTGCTGCCCGCCGCCGCTGCCGCTCAGTGCC  
GGAGCCCTCGGTGCGCGCGGAGAGAGAGGATTCCGGCGGGAACCTCGACTCTTGCGCCACCGCCCTCAT  
GCACTGTGTAGGTTTTGAGAGTATTTAGAAAGGCTTTATGGACCACGGCTACGAAGAGACCTCAGTTTA  
TTTGAAGACTGTGAACCAGAAGAGCTGACTGACTGGTCTATGGATGAAAAATGTTCAATTTGTAACCTAC  
AGAGAGAAGCAGTCAGTGATTGTATACCATCTCTTGATTCTTCACAGTCAACGCCAACAGAGGAGCTATC  
ATCTCAGGGCCAGTCCCACACTGATAAGATTGAATGCCAAGCAGAAAAGTTACCTAAATGCACTCTTTGCA  
AAGAAAGATCTTCCTCAGAACTGTGATCCTAACATTCCCTTAGTTGCTCAGGAATTAATGAAAAAATGA  
TACGTCAAGTTGCAATTGAGTACATCTCAAAAAGCGGTAATAAAGAAAATAGAAATGGTTCAATTGG  
AGCAAGTCTCGTGTGTAAGATCCAAATGAACCAAGCAGCAACTGCCTCAGGATGAGCAAGAAGGC  
CCCTTAGACCTCACTGTGACTCGAACGCAAGAGCAAAGTCTCAGCAAGGGGATGGAGTGTAGACTCTCT  
CTACAAAAGAAAACCAGCATAAAGTCTGAAGAGTCATCCATAAGTATCCTCTTCTGAAAATGCAGTGCC  
TGGCATGCTACAAATGAAAAGTATGAGAAAGTGGATTTGTCTGATGGGAACACAGCAAGCTGCCATTG  
AGCCCCATTAAGATGTGCCTTAATCATCTATTGAATGGAATCTAACAGCAGCATCTCTAGCAAGCTGTA  
CAGTTCATAACCAAAATCTCAAAAGTGAAGAAAAT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_178142
Insert Size:	948 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_178142.5</a> , <a href="#">NP_835278.2</a>
<b>RefSeq Size:</b>	5657 bp
<b>RefSeq ORF:</b>	948 bp
<b>Locus ID:</b>	209707
<b>UniProt ID:</b>	<a href="#">Q3U285</a>
<b>Cytogenetics:</b>	5 B3
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (3) differs in the 3' UTR, and 3' coding region compared to variant 1. The encoded isoform (3) is shorter and has a distinct C-terminus, compared to isoform 1.</p>