

## Product datasheet for MC215745

### Lcor (NM\_172154) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lcor (NM_172154) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lcor
Synonyms:	3110023F06Rik; A630025C20Rik; mKIAA1795; Mlr2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215745 representing NM_172154 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCAGCGAATGATCCAACAATTTGCTGCTGAATATACCTCAAAAAGCTCTACTCAGGACCCAGCC  
AGCCCAATAGCACAAAGAACCAAAGCCTGCCGAAAGCATCTCCAGTCACCACCTCTCCACGGCTGCAAC  
TACTCAGAACCCCGTGCTCAGCAAAGTCTCATGGCTGACCAAGACTCACCTCTGGACCTTACTGTCAGA  
AAGTCTCAGTCAGAACCTAGTGAACAAGACGGTGTACTTGACTTATCTACTAAGAAAAGTCCATGTGCTA  
GCAGCACTTCCCTGAGCCATTCTCCAGGCTGCTCCAGTACTCAAGGGAACGGGCGACCTGGGAGACCCAG  
CCAGTACCGCCAGATGGACTTCGGAGTGGTGTATGGGGTACCTCCAAGAAGCTTACAGGATGGAACCAGG  
GAAGGCTTTGGACTCCACATCACTCAAAGTTCCACTGGCTCGATCTCTGCAGATTAGTGAAGAACTAC  
TGAGCAGAAACCAATTGTCCACGGCTGCCAGCCTTGGTCCGTCTGGATTACAGAATCACGGACAGCACTT  
AATCTTATCCAGGGAAGCCTCTTGGGCAAAACCTCACTATGAATTCAGCCTCAGCCGAATGAAGTTCAGG  
GGAAATGGTGCCTCAGCAACATTAGTGACCTTCTTTCTCGCAGAAAAGCTGCCTTCCCAAAAATGG  
CACATCAAAACAAAACAAGATGGAAAAAGGACATGAGCCATTCACTCCTGTAGATTTAAAGATACCACA  
AGTTCGAGGAATGGATCTTTCTTGGAGTCTCGCACTGGTATCAGTACAGCTATAGCTCTTTGGTAATG  
GGTTCACAAACGGAGAGCGCGCTTAGTAAAAAATTAAGGGCTATTCTTCCAAAACAAAATAGAAAAAGCA  
TGTTAGATGCTGGACCTGATTCTTGGGGCTCAGATGCTGAGCAGTCTACCTCTGGACAGCCATATCCAC  
ATCGGATCAAGAAGGAGACCCCTGGCTCCAAGCAGCCGCGGAAGAAAAGAGGGCGTTACAGACAGTACAAC  
AGTGAGATACTGGAGGAAGCCATCTCGGTGTTATGAGTGGAAAATGAGTGTTCCAAAGCTCAGAGTA  
TTTATGGGATCCCCACAGTACACTGGAGTACAAAGTAAAGGAGAGGCTGGGCACCTTTGAAAACCTCC  
AAAGAAAAGATGAAATTAATGAGGTCGGAGGGCCAGATGTTTCTGTAAGATTGAATTAGATCCCCAG  
GGAGAGGCAGCACAAAGTCAAATGAATCAAAAAGCTAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAAGTCACTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_172154
<b>Insert Size:</b>	1302 bp
<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>	<u><a href="#">NM_172154.4</a></u> , <u><a href="#">NP_742166.1</a></u>
<b>RefSeq Size:</b>	4663 bp
<b>RefSeq ORF:</b>	1302 bp
<b>Locus ID:</b>	212391
<b>UniProt ID:</b>	<u><a href="#">Q6ZPI3</a></u>
<b>Cytogenetics:</b>	19 C3
<b>Gene Summary:</b>	Repressor of ligand-dependent transcription activation by various nuclear repressors. Repressor of ligand-dependent transcription activation by ESR1, ESR2, NR3C1, PGR, RARA, RARB, RARG, RXRA and VDR (By similarity). May act as transcription activator that binds DNA elements with the sequence 5'-CCCTATCGATCGATCTCTACCT-3'. [UniProtKB/Swiss-Prot Function]