

Product datasheet for **SC328656**

LCOR (NM_001170766) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LCOR (NM_001170766) Human Untagged Clone
Tag:	Tag Free
Symbol:	LCOR
Synonyms:	C10orf12; MLR2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001170766, the custom clone sequence may differ by one or more nucleotides

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ATGCAGCGAATGATCCAACAATTTGCTGCTGAATATACCTCAAAAAATAGCTCTACTCAG
GACCCCAGCCAGCCCAATAGCACAAAGAACCAAGCCTGCCGAAAGCATCTCCAGTCACC
ACCTCTCCCACGGCTGCAACTACTCAGAACCTGTGCTCAGCAAACCTTCTCATGGCTGAC
CAAGACTCACCTCTGGACCTTACTGTCAGAAAGTCTCAGTCAGAACCTAGCGAACAAAGAC
GGTGTACTTGATCTGTCCACTAAGAAAAGTCCATGTGCTGGCAGCACTTCCCTGAGCCAC
TCTCCAGGCTGCTCCAGTACTCAAGGGAACGGGCGACCTGGGAGACCCAGCCAGTACCGC
CCAGACGGACTTCGGAGTGGTATGGGGTACCTCCAAGAAGCTTACAGGATGGAACCAGG
GAAGGTTTTGGACTCCACATCACTCAAAGTTCCACTGGCTCGATCCCTGCAGATTAGT
GAAGAACTACTGAGCAGAAACCAATTGTCCACAGCTGCCAGCCTTGGGCCATCTGGATTA
CAGAATCATGGACAACACTTAATATTATCCAGGGAAGCCTCTTGGGCAAAACCACATTAC
GAGTTCAACCTCAGCCGTATGAAGTTCAGGGGAAATGGTGCCTCAGCAACATCAGTGAC
CTTCCTTTTCTTGAGAAAACCTGCTCCTTTCCAAAAATGGCACTTCAAGCAAAACAAGAT
GGAAAAAGGATGTGAGCCATTCATCTCCTGTAGATTTAAAGATACCACAAGTTCGAGGA
ATGGATCTTTCTTGGGAGTCTCGCACTGGTATCAGTACAGCTATAGCTCTTTGGTAATG
GGTTCACAAACGGAGAGCGCGCTTAGTAAAAAATTAAGGGCTATTCTTCCAAAACAAAGT
AGAAAAAGCATGTTAGATGCTGGACCCGATTCTTGGGGCTCAGATGCTGAGCAGTCTACC
TCTGGACAGCCATATCCCACATCGGATCAAGAAGGAGACCCTGGCTCCAAGCAGCCTCGG
AAGAAAAAGAGGGGCTTACAGACAGTACAACAGTGAGATACTGGAGGAAGCAATCTCAGTG
GTTATGAGTGAAAAATGAGTGTTCCTTCCAAAGCTCAGAGTATTTATGGGATTCCCCACAGT
ACACTGGAGTACAAAGTAAAGGAGAGGCTGGGCACTTTGAAAAACCTCCAAAGAAAAAG
ATGAAATTAATGAGTGGATGA

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Restriction Sites:	Please inquire
ACCN:	NM_001170766



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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:	<u>NM_001170766.1, NP_001164237.1</u>
RefSeq Size:	7793 bp
RefSeq ORF:	1221 bp
Locus ID:	84458
UniProt ID:	<u>Q96JN0</u>
Cytogenetics:	10q24.1
Protein Families:	Druggable Genome
Gene Summary:	<p>LCOR is a transcriptional corepressor widely expressed in fetal and adult tissues that is recruited to agonist-bound nuclear receptors through a single LxxLL motif, also referred to as a nuclear receptor (NR) box (Fernandes et al., 2003 [PubMed 12535528]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, 3' UTR, and coding region, compared to variant 1. This results in a protein (isoform 2) that maintains the reading frame but is shorter at the C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>