

## Product datasheet for SC328712

### LCOR (NM\_001170765) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LCOR (NM_001170765) Human Untagged Clone
Tag:	Tag Free
Symbol:	LCOR
Synonyms:	C10orf12; MLR2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328712 representing NM_001170765. Blue=Insert sequence Red=Cloning site Green=Tag(s)

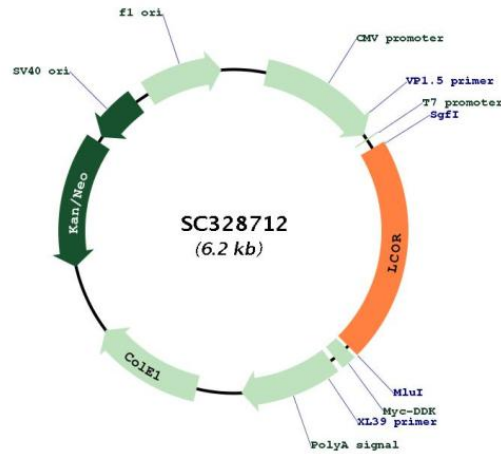
```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCAGCGAATGATCCAACAATTTGCTGCTGAATATACCTCAAAAAATAGCTCTACTCAGGACCCCGC
CAGCCCAATAGCACAAGAACCAAGCCTGCCGAAAGCATCTCCAGTCACCACCTCTCCCACGGCTGCA
ACTACTCAGAACCCTGTGCTCAGCAAATTTCTCATGGCTGACCAAGACTCACCTCTGGACCTTACTGTC
AGAAAGTCTCAGTCAGAACCTAGCGAACAGACGGTGTACTTGATCTGTCCACTAAGAAAAGTCCATGT
GCTGGCAGCACTCCCTGAGCCACTCTCCAGGCTGCTCCAGTACTCAAGGAACGGGCGACCTGGGAGA
CCCAGCCAGTACCGCCAGACGGACTTCGGAGTGGTGTGGGGTACCTCCAAGAAGTTACAGGATGGA
ACCAGGGAAGTTTTGGACACTCCACATCACTCAAAGTTCCACTGGCTCGATCCCTGCAGATTAGTGAA
GAACTACTGAGCAGAAACCAATTTGCCACAGCTGCCAGCCTTGGGCCATCTGGATTACAGAATCATGGA
CAACACTTAATATTATCCAGGGAAGCCTTTGGGCAAAACACATTACGAGTTCAACCTCAGCCGTATG
AAGTTCAGGGGAAATGGTGCACCTCAGCAACATCAGTGACCTTCTTTTTCTTGCAAAAACCTGCCTTT
CCAAAAATGGCACTTCAAGCAAAACAAGATGGAAGGATGTGAGCCATTATCTCCTGTAGATTTA
AAGATACCACAAGTTCGAGGAATGGATCTTTCTGGGAGTCTCGCACTGGTGATCAGTACAGCTATAGC
TCTTTGGTAATGGGTTCAAAACGGAGAGCGCGCTTAGTAAAAAATTAAGGGCTATTCTTCAAAAACAA
AGTAGAAAAAGCATGTTAGATGCTGGACCCGATTCTTGGGGCTCAGATGCTGAGCAGTCTACCTTGGA
CAGCCATATCCACATCGGATCAAGAAGGAGACCCTGGCTCCAAGCAGCCTCGGAAGAAAAGAGGGCGT
TACAGACAGTACAACAGTGAGATACTGGAGGAAGCAATCTCAGTGGTTATGAGTGAAAAAATGAGTGTT
TCCAAAGCTCAGAGTATTTATGGGATTCACACAGTACACTGGAGTACAAAGTAAAGGAGAGGCTGGGC
ACTTTGAAAAACCTCCAAGAAAAAGATGAAATTAATGAGGTCGGAGGGCCAGATGTTTCTGTAAGG
ATTGAATTAGATCCCAGGGAGAGGCAGCACAAAGTGCAATGAATCAAAAAACGAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```



[View online »](#)

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM\_001170765

Insert Size: 1302 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).

**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:**

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\\_001170765.1](#)

RefSeq Size: 10370 bp

RefSeq ORF: 1302 bp

Locus ID: 84458

UniProt ID: [Q96JN0](#)

Cytogenetics: 10q24.1

Protein Families: Druggable Genome

MW: 47 kDa

**Gene Summary:** 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]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein, 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.