

Product datasheet for **RG230018**

LCOR (NM_001170766) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: LCOR (NM_001170766) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: LCOR
Synonyms: C10orf12; MLR2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG230018 representing NM_001170766
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGCGAATGATCCAACAATTTGCTGCTGAATATACCTCAAAAAATAGCTCTACTCAGGACCCAGCC
 AGCCCAATAGCACAAAGAACCAAGCCTGCCGAAAGCATCTCCAGTCACCACCTCTCCACGGCTGCAAC
 TACTCAGAACCCTGTGCTCAGCAAATTCTCATGGCTGACCAAGACTCACCTCTGGACCTTACTGTCAGA
 AAGTCTCAGTCAGAACCTAGCGAACAAGACGGTGTACTTGATCTGTCCACTAAGAAAAGTCCATGTGCTG
 GCAGCACTTCCCTGAGCCACTCTCCAGGCTGCTCCAGTACTCAAGGGAACGGGCGACCTGGGAGACCCAG
 CCAGTACCGCCAGACGGACTTCGGAGTGGTATGGGGTACCTCCAAGAAGCTTACAGGATGGAACCAGG
 GAAGGTTTTGGCACTCCACATCACTCAAAGTTCCACTGGCTCGATCCCTGCAGATTAGTGAAGAACTAC
 TGAGCAGAAAACCAATTGTCCACAGCTGCCAGCCTTGGGCCATCTGGATTACAGAATCATGGACAACACTT
 AATATTATCCAGGGAAGCCTCTTGGGCAAAACACATTACGAGTTCAACCTCAGCCGTATGAAGTTCAGG
 GGAAATGGTGAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGT
 CACTTCAAGCAAAACAAGATGGAAAAAAGGATGTGAGCCATTATCTCTGTAGATTTAAGATACCACA
 AGTTCGAGGAATGGATCTTTCTTGGGAGTCTCGCACTGGTATCAGTACAGCTATAGCTCTTTGGTAATG
 GGTTCAAAACGGAGAGCGCCTTAGTAAAAAATTAAGGGCTATTCTTCCAAAACAAAGTAGAAAAAGCA
 TGTTAGATGCTGGACCCGATTCTTGGGGCTCAGATGCTGAGCAGTCTACCTCTGGACAGCCATATCCAC
 ATCGGATCAAGAAGGAGACCCTGGCTCCAAGCAGCCTCGGAAGAAAAGAGGGCGTTACAGACAGTACAAC
 AGTGAATACTGGAGGAAGCAATCTCAGTGGTTATGAGTGGAAAAATGAGTGTTCCAAAGCTCAGAGTA
 TTTATGGGATTCCACAGTACACTGGAGTACAAAGTAAAGGAGAGGCTGGGCACTTGAAAAACCTCC
 AAAGAAAAGATGAAATTAATGAGTGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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MQRMIQQFAAEYTSKNSSTQDPSQPNSTKNQSLPKASPVTTSPATAATTQNPVLSKLLMADQDSPLDLTVR
 KSQSEPSEQDGVLDLSTKKSPCAGSTSLSHSPGCSSTQGNRPGRPSQYRPDGLRSGDGVPPRSLQDGT
 EGFHSTSLKVPLARSLQISEELLSRNQLSTAASLGPSTLQNHGQHLILSREASWAKPHYEFNLSRMKFR
 GNGALSNIIDLPLAENSAPFKMALQAKQDGKKDVSHPVDLKIPIQVRGMDLSWESRTGDQYSYSSLVM
 GSQTESALSKLRAILPKQSRKSMIDAGPDSWGSDAEQSTSGQPYPTSDQEGDPGSKQPRKKRGRYRQYN
 SEILEEATISVVMMSGKMSVSKAQSIYGIHPHSTLEYKVKERLGLTKNPPKKMKMLMSG

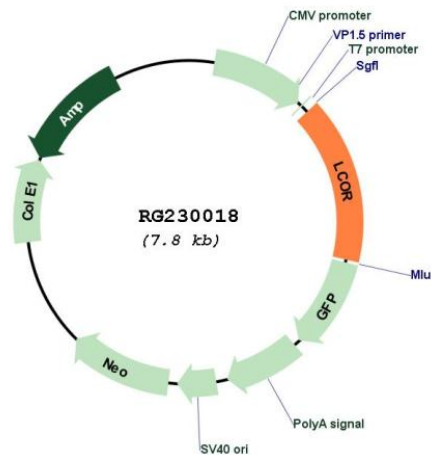
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001170766

ORF Size:	1218 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001170766.2
RefSeq Size:	7793 bp
RefSeq ORF:	1221 bp
Locus ID:	84458
UniProt ID:	Q96JN0
Cytogenetics:	10q24.1
Protein Families:	Druggable Genome
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]