

## Product datasheet for **SC108001**

### CRISPLD2 (NM\_031476) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CRISPLD2 (NM_031476) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRISPLD2
Synonyms:	CRISP11; LCRISP2; LGL1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_031476, the custom clone sequence may differ by one or more nucleotides

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ATGAGCTGCGTCCTGGGTGGTGTGCATCCCCTTGGGGCTGCTGTTCCCTGGTCTGCGGATCCCAAGGCTACC
TCCTGCCCAACGTCACCTCTTAGAGGAGCTGCTCAGCAAATACCAGCACAACGAGTCTCACTCCCGGGT
CCGCAGAGCCATCCCAGGGAGGACAAGGAGGAGATCCTCATGCTGCACAACAAGCTTCGGGGCCAGGTG
CAGCCTCAGGCCCAACATGGAGTACATGACCTGGGATGACGAAGTGGAGAAGTCTGCTGCAGCGTGGG
CCAGTCAGTGCATCTGGGAGCACGGGCCACCAGTCTGCTGGTGTCCATCGGGCAGAACCTGGGCGCTCA
CTGGGGCAGGTATCGCTCTCCGGGTTCCATGTGCAGTCTGGTATGACGAGGTGAAGGACTACACCTAC
CCCTACCCGAGCGAGTGAACCCCTGGTGTCCAGAGAGGTGCTCGGGGCCATGTGCACGCACTACACAC
AGATAGTTTGGGCCACCACCAACAGATCGGTTGTGCTGTGAACACCTGCCGGAAGATGACTGTCTGGGG
AGAAGTTTGGGAGAACCGGGTCTACTTTGTCTGCAATTATTCTCCAAAGGGGAAGTGGATTGGAGAAGCC
CCCTACAAGAATGGCCGGCCCTGCTCTGAGTGCCACCCAGCTATGGAGGCAGCTGCAGGAACAAGTGT
GTTACCGAGAAGAAACCTACACTCCAAAACCTGAAACGGACGAGATGAATGAGGTGGAAACGGCTCCCAT
TCCTGAAGAAAACCATGTTTGGCTCCAACCGAGGGTGTGAGACCCCAAGCCCAAGAAAACCTCTGCG
GTCAACTACATGACCCAAGTCGTCAGATGTGACACCAAGATGAAGGACAGGTGCAAAGGGTCCACGTGA
ACAGGTACCAGTGCCAGCAGGTCCTGAACCAAGGCAAGATCTTTGGAAGTCTGTTCTATGAAAG
CTCGTCTAGCATATGCCGCGCCCATCCACTACGGGATCCTGGATGACAAGGGAGGCCTGGTGGATATC
ACCAGGAACGGGAAGGTCCCCTTCTCGTGAAGTCTGAGAGACACGGCGTGCAGTCCCTCAGCAAATACA
AACCTTCCAGCTCATTATGGTGTCAAAAGTGAAGTGCAGGATTTGGACTGCTACACGACCGTTGCTCA
GCTGTGCCGTTTAAAAGCCAGCAACTCACTGCCAAGAATCCATTGTCCGGCACACTGCAAAGACGAA
CCTTCTACTGGGCTCCGGTGTGTTGGAACCAACATCTATGCAGATACCTCAAGCATCTGCAAGACAGCCG
TGCACGCGGGAGTCATCAGCAACGAGAGTGGGGGTGACGTGGACGTGATGCCCGTGGATAAAAAGAAGAC
CTACGTGGGCTCGCTCAGGAATGGAGTTCAGTCTGAAAGCCTGGGGACTCCTCGGGATGGAAGGCCTTC
CGGATCTTTGCTGTCAGGCAGTGA

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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_031476 unedited  
 AGGATTTTGTAAACGACTCACTATTAGGGCGGCCGGAATTCGCACCAGCTCCCATTGA  
 GCTGTCTGCTCGCTGTGCCCGCTGTGCCTGCTGTGCCCGCTGTGCGCCGCTGCTACCGC  
 GTCTGTGGACGCGGGAGACGCCAGCGAGCTGGTGATTGGAGCCCTGCGGAGAGCTCAAG  
 CGCCAGCTCTGCCCCAGGAGCCAGGCTGCCCGTGAGTCCCATAGTTGCTGCAGGAGT  
 GGAGCCATGAGCTGCGTCTGGTGGTGTATCCCTTTGGGCTGCTGTTCTGGTCTGC  
 GGATCCCAAGGCTACCTCCTGCCCAACGTCACCTCTTAGAGGAGCTGCTCAGCAATAC  
 CAGCACAAACGAGTCTACTCCCGGGTCCGACAGGCCATCCCAGGAGGACAAGGAGGAG  
 ATCCTCATGCTGCACAACAAGCTTCGGGGCCAGGTGCAGCCTCAGGCCTCCAACATGGAG  
 TACATGACCTGGGATGACGAACTGGAGAAGTCTGCTGCAGCGTGGGCCAGTCAAGTGCATC  
 TGGGAGCACGGGCCACCACTGCTGGTGTCCATCGGGCAGAACCTGGGCGCTCACTGG  
 GGCAGGTATCGCTCTCCGNGTTCATGTGCAGTCTGGTATGACGAGGTGAAGGACTAC  
 ACCTACCCCTACCCGAGCGAGTCAACCCCTGGTGTCCAGAGAGGTGCTCGGNGCCTATG  
 TGCACGCACTACACACAGATAGGTTTGGGCCACCAACCAAGAAATCGGNTGTGCTGTGA  
 ACACCTGCCGGAAGATGACTGTCTGGGGAAGAAGATTTGGGAGAACCCTGCTACCTTG  
 GCTTGCAATATTCTCAAGGGGAACTGGATTGGAGAGGCCCTACAGAATGGCCGCGCTG  
 GTCTGGATGCCACCCTTTGGAGCAGCTGCAGACAAACTGTGTACCGAGAGAACCTAC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_031476 unedited  
 CTAGCTTGAACGACGAGCCGCAATCTATGATCGAGNNCTTTTTTTTTTTTTTTTTTTTT  
 TTTTTTTTTTTTTTTGGGGGTACAAGGTTTATCCCAAATTTGGTCAAAATTTGGTCATAA  
 AAAATGTTACAGGAACCTTTAAAAATCAAACCACTTTACTGAAACAATTGGAACAAC  
 GGGGCCCTGTTTTTGAAGGCCAAAAAACCTTTACCATAAACTTTGGCCCCAGGAAG  
 GAGCAAAATCCCTCTTTTTCTTTAAAAAAGCCCCCTTAACTGGGGGCTGGGGGG  
 CCCCCGACAATTTGAAAAACCCCCCTTTGGAATACGGGGGGGCAAAACCCCTAA  
 GGAAGCCCAAAATGTTTCATCCTGGGGGAGGAAAACCAAAACCCCGTTGGTTTGGTACA  
 AAATTTTTTAAACCCAGGGGAAGGTTGGGAACCAAGGGGCCCTTTTCCACACCCAG  
 GAAAAGGGGGGCTAGGGACAGGGCTTAAATTTAAAGGCTTGGTTCCATTTTCTGAAAAA  
 AATATCCCGTTTCAAAATGGTTGGGGGATGAAAAAAGCCAGGTCCATGGCCGGGC  
 CCAGGGGGCTATGCCCGAATCCCAACTTTGGGAGGGCAAGGGGGGGGATCCCCCG  
 AGGGAAGGAGTCCAGACCACCCGGGCAACATATTGGAACCCCTCTTTACTTAAATA  
 CAAAATTTATCGGGGCTGGGAGCCCCCTCGTTTCCAGGCCTCTGGGAGGCGGTGCC  
 CAAAATTTCTTGACCCGGGAGGGGTTTTTGGTTGAACACAAATACCCCTCGCCCT  
 CTCCTGGGGAACAAAGAGAACTTGGCCTCGGGAATAAANAAAAAAAAAAAAACACAC  
 CACGCTCCCTCTCGTGGCNGGACCTTTTCTTCTCGCTAGAATCGCCCN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_031476

**Insert Size:**

4350 bp

**OTI Disclaimer:** 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](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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\\_031476.1](#), [NP\\_113664.1](#)

**RefSeq Size:** 4574 bp

**RefSeq ORF:** 1494 bp

**Locus ID:** 83716

**UniProt ID:** [Q9H0B8](#)

**Cytogenetics:** 16q24.1

**Domains:** SCP, LCCL

**Protein Families:** Secreted Protein, Transmembrane

**Gene Summary:** Promotes matrix assembly.[UniProtKB/Swiss-Prot Function]