

## Product datasheet for **SC108671**

### LUC7L2 (NM\_016019) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LUC7L2 (NM_016019) Human Untagged Clone
Tag:	Tag Free
Symbol:	LUC7L2
Synonyms:	CGI-59; CGI-74; LUC7B2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016019, the custom clone sequence may differ by one or more nucleotides

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ATGTCGGCGCAGGCCAGATGCGCGCGATGCTGGACAGTTGATGGGCACCTCCCGGACGGAGATACAA
CTCGTCAACGAATCAAATTCAGTGATGACAGAGTATGCAAGAGTCACCTTCTCAACTGTTGTCTCATGA
TGTCTTTCTGGAAGTAGAATGGATCTTGGAGAATGTCTGAAAGTCCATGACCTGGCTTTAAGAGCGGAT
TATGAAATTGCATCAAAGAACAAGATTTTTCTTTGAACTTGATGCCATGGATCATCTGCAGTCATTCA
TTGCAGATTGTGATCGTAGAACAGAAGTGGCCAAGAAAAGATTAGCAGAACTCAAGAAGAGATTAGTGC
TGAAGTAGCAGCAAAGGCAGAACGTGTTTCATGAGTTAAATGAAGAAATTGGTAAATTGTTAGCCAAGGTG
GAACAAGTAGGAGCTGAAGGGAATGTGGAGGAATCCCAGAAAGTAAATGGATGAAGTAGAGAAAGCAGGG
CAAAGAAAAGAGAAGCAGAGGAAGTTTATCGGAATTCTATGCCAGCTTCCAGTTTTTCAGCAGCAGAACT
TCGAGTCTGTGAAGTCTGCTCTGCCTATTTAGGACTTCATGATAATGACAGACGACTGGCTGATCATTTT
GGGGTAAACTGCACCTGGGATTTATTGAAATAAGAGAGAAGCTTGAAGAATTAAGAGAGTCGTAGCTG
AGAAGCAGGAGAAAAGAAACCAGGAACGGCTGAAACGAAGAGAAGAGAGAGAGAGAAGAAAGGGAGAA
GCTGAGGAGTCCCGATCACACAGCAAGAATCCAAAAGATCCAGGTCCAGAGAGCATCGCAGACATCGA
TCTCGCTCCATGTCACGTGAACGCAAGAGGAGAAGTCCGAAATCTCGGGAGAAACGCCATCGCCACA
GGTCCCCTCCAGCAGCCGTAGCCGAGCCGTAGCCACCAGAGAAGTCCGGCACAGTCTAGAGATAGGAG
CAGAGAACGATCCAAGAGGAGATCCTCAAAGAAAGATTGAGACCAAGACTTAGCATCATGTGACAGA
GACAGGAGTTCAAGAGACAGATCACCTCGTGACAGAGATCGGAAAGATAAGAAGCGGTCTATGAGAGTG
CTAATGGCAGATCAGAAGACAGGAGGAGCTCTGAAGAGCGCAAGCAGGGGAGATCTAA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_016019 unedited  
 TTGTATACGACTCACTATAGCGGCCGCGAATTCGCACGAGGCCCTCGTGCCGAATTCGGC  
 ACGAGGGCAAGATTATTTTTTATGTTTTCAATTACTGTAAATAAAAATATATCAATGCT  
 TAGTGTCAAGAAGGGAACATTGTATACCAGTATAAACTCTCTTAGTGGTCTGCAAGTTG  
 CTTAACCTCTCGGGGCCCTCAGTTTTCTCATCTGCAATATGAAGGAGTTGGACTCGATAAT  
 CTTTAAAGTCCATTCTGCTCTAAAATCCTATGCTTTTCTGAAGTACTCTATTTAACAGA  
 ATGCATTGCTTTCTCAGTTTACTATTTGAATTATGTATGCAGTACACTTACTGCAACTG  
 CATGTTGTCTAAAATAGTTTTTCTATAGGATGTATATAAAAATCCCTCTTGAGCTG  
 ATTTATAATGTGTATATAGCCACACATAAAAAGCTAGTAATAGTAGGGCTCTCAGAAA  
 ATACTTTCCAGTTGTCTAACCTTGAATGTTATTAATCTTCTATATTACAGGAGATACAA  
 CTCGTCAACGAATCAAATTCAGTGATGACAGAGTATGCAAGAGTACCTTCTCAACTGTT  
 GTCCTCATGATGCTTTCTGGAACAGAATGGATCTGGAGAATGTCTGAAAGTCCATGA  
 CCTGGCTTTAAGAGCGGATTATGAAATTGCATCCAAAGAACAAGATTTTTTCTTTGAACT  
 TGATGCCATGGATCATCTGCAGTATTTCATTGCAGATTTGTGATCGTAGAACAGAAGTGG  
 CCAAGAAAAGATTAGCAGAACTCAGAAGAGATTATGGCTGAAGTACAGCAAGGCCNAACGT  
 GTCATGAGNTAATGAAGAANTG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_016019 unedited  
 CCGCGGCACGCAATCTAAAATCGAGTTTTTTTTTTTTTTTTTTTTTTGGTTACATATACTGTTT  
 TTATTTGGGTTTGTGAATGAGAATAAAAAACCCCGATTTCTTCTGCAGGTCGAGCCCT  
 TCTCTATAACGGTCATTACAAACAACCCTGAAGTGGCTGGAATATAGTCAGCAAGGGGCC  
 CACATGAACAGCTCATCTGGAATCTTTGCAAGTACGTATTTATGCCTTTGGTGCCTTGC  
 ACAGTAAGGCACTGTTAATGACGTAACAGAATAGAGGAAATGCCACAGCAAATAGTTCT  
 AGTGACAATTTACTAGACAAGTTACAGTTAATAATGGTGGTGGTATTGGTTCTTTCAT  
 TTTATTATTATTTTTTTTACAATAAGGGTGTAGCCTTTATACTCCACACACACAAAAT  
 AAAACAAGTGCTTATTACGAAAAGAGTCCCTGCCCCACCCCTAGAACATCCTGAACAT  
 AGCAATTAACAGAACAGAAAAATCAAGACGTTTGATTTCAAAATTTCAATAAAAAAAGC  
 AAAAGTATGTAATGCAACAGCTGTTCAACTTCCAATCTAAATAGGCACCATTAAACAAA  
 AAACCCAGTATTTAAATTTCTCCAGCACACATTCCAGGATCAATGCTCTGAACTGTAA  
 TCAGCTAGTAATCATAACGGGAATACAGCCTTAGAATGGAAGCTATATTGCTTCCCTGC  
 CCCCTTCTCTAAATTTGGAGAGTGTANGTATTAAGGGATACAAAGTACAGGAAGAAAAT  
 ATTA AAAAGAAAAATGCCAAAGCTGCAGCTGTTTGGACTANGAAGACAGCATTNTACAA  
 NNACGTCAAAAATCCCAAGGCNANNGTACACATTTGTTCACTAGCACTCTTACTTGAAAA  
 GATAAAGAGATCAGCATCTTATATATAAAAATGTAATTTTCCAGACTG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_016019

**Insert Size:**

2920 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).

**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\\_016019.1](#), [NP\\_057103.1](#)

**RefSeq Size:** 2712 bp

**RefSeq ORF:** 2712 bp

**Locus ID:** 51631

**UniProt ID:** [Q9Y383](#)

**Cytogenetics:** 7q34

**Domains:** DUF259

**Gene Summary:** This gene encodes a protein that contains a C2H2-type zinc finger, coiled-coil region and arginine, serine-rich (RS) domain. A similar protein in mouse interacts with sodium channel modifier 1, and the encoded protein may be involved in the recognition of non-consensus splice donor sites in association with the U1 snRNP spliceosomal subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011]  
Transcript Variant: This variant (1) encodes the longest isoform (1).