

## Product datasheet for **MC212440**

### Luc7l2 (NM\_138680) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Luc7l2 (NM\_138680) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Luc7l2  
**Synonyms:** 4930471C18Rik; AA522013; AU015269; CGI59; Cgi74  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212440 representing NM\_138680  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCGGCGCAGGCCAGATGCGCGCTATGCTGGACCAGTTAATGGGCACCTCTCGGGACGGAGATACTA  
 CTCGTCAACGAATCAAATTCAGCGATGACAGAGTATGCAAGAGCCACCTTCTCAACTGTTGCCCCACGA  
 TGTCCTTTCTGGAACAAGAAATGGATCTTGAGAATGCTTGAAGTCCATGACCTGGCTTTAAGAGCAGAT  
 TATGAAATTGCGTCCAAAGAACAAGACTTTTTCTTTGAACTTGATGCCATGGATCATCTGCAGTCATTCA  
 TTGCAGATTGTGATAGAAGAACAGAAGTATCTAAGAAAAGACTAGCAGAACTCAAGAAGAGATAAGTGC  
 TGAAGTGGCTGCAAAGGCAGAGCGTGTTCATGAGTTAAATGAGGAAATAGGCAAGTTGTTGGCCAAAGTG  
 GAACAAC TAGGAGCTGAAGGAAATGTGGAAGAATCTCAGAAAGTCATGGATGAAGTCGAGAAAGCACGGG  
 CAAAGAAAAGAGAAGCAGAGGAAGTTTATCGGAACTCTATGCCAGCTTCCAGCTTCCAGCAGCAGAACT  
 TCGTGTCTGCGAGGTCTGCTCTGCGTATTTAGGTCTTCATGACAATGACAGGCGACTGGCTGATCATTTT  
 GGGGTAATTCACCTGGGATTTATTGAAATAAGAGAGAAGCTGGAAGAATTAAGAGAGTTGTAGCTG  
 AGAAGCAGGAGAAGAGAACCAGGAACGCTGAAACGAAGAGAAGAGAGGGAGAGAGAAGAACCGGGAGAA  
 ACTGAGGAGGTCCGATCACATAGCAAGAATCCCAAAAGATCTAGATCCAGAGAGCATCGCAGACACCGA  
 TCTCGCTCCATGTACAGAGAACGCAAGAGGAGGACTCGATCCAAGTCTCGTGAGAAAACGCCATCGCCACA  
 GGTCCAGGTCCAGTAGCCGAAGCCGAGCCGTAGCCACCAGAGAAGTCGGCACAGTTCAAGAGATAGGAG  
 CAGAGAGCGATCCAAGAGGAGATCCTCAAAGAAAAGATTCAGAGATCAAGACTTAGCATCACGTGACAGA  
 GACAGGAGTTCAAGAGACAGATCACCTCGTGACCGAGATCGAAAAGATAAGAAGCGGTCTATGAGATG  
 CTAATGGCAGATCAGAAGACAGGAGGAGCTCTGAAGAGCGTGAAGCAGGGGAGATCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_138680
<b>Insert Size:</b>	1179 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_138680.2</a></u> , <u><a href="#">NP_619621.2</a></u>
<b>RefSeq Size:</b>	2723 bp
<b>RefSeq ORF:</b>	1179 bp
<b>Locus ID:</b>	192196
<b>UniProt ID:</b>	<u><a href="#">Q7TNC4</a></u>
<b>Cytogenetics:</b>	6 B1
<b>Gene Summary:</b>	May bind to RNA via its Arg/Ser-rich domain.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.