

## Product datasheet for **MC216834**

### Luc7l3 (NM\_026313) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Luc7l3 (NM_026313) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Luc7l3
Synonyms:	3300001P08Rik; Luc7a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC216834 representing NM\_026313  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGATTTCTGCCGCGAGTTGCTGGATGAGTTAATGGCCGGACCGAAACCTCGCCCCGGATGAGAAGC  
 GCAGCAACGTGCGCTGGACCACGAGAGCGTTTGTAAATATTATCTCTCGGGTTTTGTCTCGCGAATT  
 GTTCACAATACCGTTCTGATCTTGGTCCATGTAAAAAATTCATGATGAAAATCTAAGAAAACAGTAT  
 GAGAAGAGTTCTCGCTTATGAAAGTTGGCTATGAGAGAGATTTTTTGGGATACTTACAGAGTTTACTTG  
 CCGAGGTAGAGCGCAGAATTAGACGAGGTCATGCTCGTTTGGCATTATCTCAAAATCAGCAGTCTTCTGG  
 GGCTGCTGGTCCAACAGGCAAAAATGAAGAAAAAATTCAGGTTCTGACAGACAAAATGATGTGCTTCTA  
 CAGCAGATTGAAGAGTTAGGATCTGAAGGAAAGGTAGAAGAAGCCAGGGAATGATGAAATTGGTTGAAC  
 AGTTAAAGGAAGAGAGAGAATTACTAAGATCTACAACCTCGACTATAGAAAGTTTTGCTGCCAAGAAAA  
 ACAGATGGAAGTTTGTGAAGTGTGTGGAGCCTTTTTGATAGTAGGAGACGCCAGTCCCGAGTAGATGAC  
 CATCTGATGGGAAAGCAACACATGGGCTATGCCAAAATTAAGCCACTGTGGAAGAATTAAGAAAAAGT  
 TAAGAAAAAGAACAGAGGAACCTGATCGGGATGAACGTCTCAAAAAAGAGAAGCAAGAAAAGAGAGAAAAG  
 AGAAAAAGAGCGGGAGAGAGAAAAGAGAAGAACGGGAAAAGAAAAAGACGAAGAGAAGGAAGAAAGGGAA  
 AAAGAAAGAGCTCGTGACAGAGAAAGGAGAAAGAGAAGTCGTTCCAGGAGTAGACACTCAAGCCGAACCT  
 CTGACCGGAGATGCAGCAGGTCTCGGGACCACAAAAGATCACGGAGTAGACAGAAAGCGAAGCAGAAAG  
 TAGAGATCGACGAAGAAGCAGAAGCCATGACAGATCAGAAAGAAAACATAGATCTCGCAGTCGGGATCGA  
 AGACGGTCAAAAAGCCGAGATCGAAAGTCATATAAGCACAGGAGCAAAAGTCGGGACAGAGAACAAAGATA  
 GAAAGTCCAAGGAGAAAAGAAAAGGGATCTGATGATAAAAAGAGTAGTGTGAAGTCCAGTAGTCGAGA  
 AAAGCAGAGTGAAGACACAAAACCTGAATCGAAGGAAAGTGACACTAAGAATGAGGTCAATGGGACCAAT  
 GAAGACATTAATCTGAAGTGCAGCGTAAGTATGCACAGATGAAGATGGAGCTAAGCCGAGTAAGAAGAC  
 ATCAAAAAGCCTCTTCTGAAGGAAAAGACAGTGTAGTCCTGCAAAAACATTTTGAGGTACATTGTTTTGTC  
 TCAGCTATTTGTAGCAGACTTCGTGCCCCATTAGTGTGCCTCTTTGAAATTAAGTGTCCACGTATGTA  
 ATATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_026313

**Insert Size:** 1476 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\\_026313.1](#), [NP\\_080589.1](#)

**RefSeq Size:** 3327 bp

**RefSeq ORF:** 1476 bp

**Locus ID:** 67684

**UniProt ID:** [Q5SUF2](#)

**Cytogenetics:** 11 D

**Gene Summary:** Binds cAMP regulatory element DNA sequence. May play a role in RNA splicing (By similarity).  
[UniProtKB/Swiss-Prot Function]