

## Product datasheet for **MG203633**

### Luc7l (BC034135) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Luc7l (BC034135) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Luc7l  
**Synonyms:** 1810045C04Rik; 2410018D03Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG203633 representing BC034135  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATTTAGGAGAATGTACAAAATCCACGACTTGGCTCTTCGAGCAGATTATGAAATTGCAAGTAAAG  
AAAGAGACCTGTTTTTGAATTAGATGCTATGGATCACTTAGAGTCCTTCATTGCAGAGTGTGATCGGAG  
AACCGAATTGCCAAAAGCGGCTGGCTGAAACACAGGAGGAAATCAGTGCAGAAGTTTCGGCTAAGGCA  
GAAAAGGTACATGAATTAATGAAGAAATAGGAAACTTCTTGCTAAAGCTGAGCAGCTAGGAGCTGAAG  
GAAATGTGGACGAATCCCAGAAGATTCTTATGGAAGTGGAGAAAGTTCGTGCAAAGAAAAAGAAGCAGA  
GGAAGAATATAGAAATCCATGCCTGCATCCAGTTTTCAACAGCAAAAATCCGTGTTTGCAGGTTTGT  
TCAGCTTACCTTGGTCTCCATGACAATGACCGTCGGCTTCAGACCACTTCGGGGCAAGTTACACCTGG  
GGTTCAATCAGATCCGGGAGAAGCTTGATCAGTTGAGGAAAATGTGGCTGAAAAACAGGAAAAAGAAA  
TCAGGATCGATTGAGGAGAAGAGAGGAGAGAGCGAGAAGAGCGCTGGGCAGGAGGTCTGGATCAAGA  
ACCCGAGATCGCAGAAGGTCACGCTCCCGGATCGTCGACGGAGGCGGTCTAGGTCTACCTCCAGAGAGC  
GGCGGAAGTTTTCCCGTCCAGATCCCGAGATAGATACAGGCCCATCGCAGCCGTTCCCGGAGCCACAG  
CCGGGGTACCGCCGGGCTTCCAGGGACCGGAGTACAAAATAAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG203633 representing BC034135  
 Red=Cloning site Green=Tags(s)

MDLGECTKIHDLALRADYEIASKERDLFFELDAMDHLESFIAECDRRTELAKKRLAETQEEISAEVSAKA  
 EKVHELNEEIGKLLAKAEQLGAEGNVDESQKILMEVEKVRAKKKEAE EYRNSMPASSFQQKLRVCEVC  
 SAYLGLHDNDRRLADHFGGKHLHGFIIQIREKLDQLRKTVAEKQEKRNQDRLRRREEREREERLGRRS  
 TRDRRRSRDRRRRRSRSTSRRRRKFSRSRSRDRYRRHRSRSRSHSRGHRRASDRSTKYK

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC034135

**ORF Size:** 818 bp

**OTI Disclaimer:** 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](#)

**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:**

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:** [BC034135](#), [AAH34135](#)

**RefSeq Size:** 1953 bp

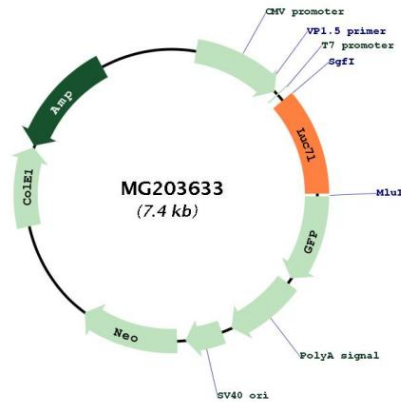
**RefSeq ORF:** 818 bp

**Locus ID:** 66978

**Cytogenetics:** 17 13.09 cM

**Gene Summary:** May bind to RNA via its Arg/Ser-rich domain.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG203633