

Product datasheet for MR218086

Luc7l2 (NM_001170848) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Luc7l2 (NM_001170848) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Luc7l2
Synonyms: 4930471C18Rik; AA522013; AU015269; CGI59; Cgi74
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR218086 representing NM_001170848
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGCGCAGGCCAGATGCGCGCTATGCTGGACCAGTTAATGGGCACCTCTCGGGACGGAGATACTA
 CTCGTCAACGAATCAAATTCAGCGATGACAGAGTATGCAAGAGCCACCTTCTCAACTGTTGCCCCACGA
 TGTCTTTCTGGAACAAGAATGGATCTTGGAGAATGCTTGAAAGTCCATGACCTGGCTTTAAGAGCAGAT
 TATGAAATTCGTCCAAAGAACAAGACTTTTTCTTTGAACTTGATGCCATGGATCATCTGCAGTCATTCA
 TTGCAGATTGTGATAGAAGAACAAGATCTAAGAAAAGACTAGCAGAACTCAAGAAGAGATAAGTGC
 TGAAGTGGCTGCAAAGGCAGAGCGTGTTATGAGTAAAAGAGGAAATAGGCAAGTTGTTGGCCAAAGTG
 GAACAAGTAGGAGCTGAAGGAAATGTGGAAGAATCTCAGAAAAGTCATGGATGAAGTCGAGAAAGCACGGG
 CAAAGAAAAGAGAAGCAGAGGAAGTTTATCGGAACTCTATGCCAGCTTCCAGCTTCCAGCAGCAGAACT
 TCGTGTCTGCGAGGTCTGCTCTGCGTATTTAGGTCTTATGACAATGACAGGCGACTGGCTGATCATTTT
 GGGGTAATGACCTGGGATTTATTGAAATAAGAGAGAAGCTGGAAGAATTAAGAGAGTTGTAGCTG
 AGAAGCAGGAGAAGAGAAACCAGGAACGTCTGAAACGAAGAGAAGAGAGGGAGAGAGAAGAACGGGAGAA
 ACTGAGGAGATCTAGATCCAGAGAGCATCGCAGACCCGATCTCGCTCCATGTCACGAGAACCAGAGAGG
 AGGACTCGATCCAAGTCTCGTGAGAAACGCCATCGCCACAGGTCAGGTCAGTCCAGTCCAGGAGCCGAGCC
 GTAGCCACAGAGAAGTCCGACAGTTCAGAGATAGGAGCAGAGCGATCCAAGAGGAGATCCTCAAA
 AGAAAGATTGAGAGATCAAGACTTAGCATCACGTGACAGAGACAGGAGTTCAAGAGACAGATCACCTCGT
 GACCGAGATCGAAAAGATAAGAAGCGGTCTATGAGAGTGCTAATGGCAGATCAGAAGACAGGAGGAGCT
 CTGAAGAGCGTGAAGCAGGGGAGATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online >](#)

Protein Sequence: >MR218086 representing NM_001170848
 Red=Cloning site Green=Tags(s)

MSAQAQMRAMLDQLMGTSRDGDTTRQRIKFSDDRVCKSHLLNCCPHDVLSGTRMDLGECLKVHDLALRAD
 YEIASKEQDFFELDAMDHLQSFADCDRRTEVSKKRLAETQEEISA EVA AKAERVHELNEEIGKLLAKV
 EQLGAEGNVEESQKVMDEVEKARAKKREAEVYRNSMPASSFQQQKLRVCEVCSAYLGLHDNDRRLADHF
 GGKHLHGFIEIREKLEELKRVVAEKQEKRNQERLKRREEREREEREKLRRSRSREHRRHRSRMSRERKER
 RTRSKSREKRRHRSRSSSRSRSHQSRHSSDRSRERSKRSSKERFRDQDLASDRDRSSDRSPR
 DRDRKDKKRSYESANGRSEDRRSSEEREAGEI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001170848

ORF Size: 1146 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: NM_001170848.2

RefSeq Size: 2693 bp

RefSeq ORF: 1149 bp

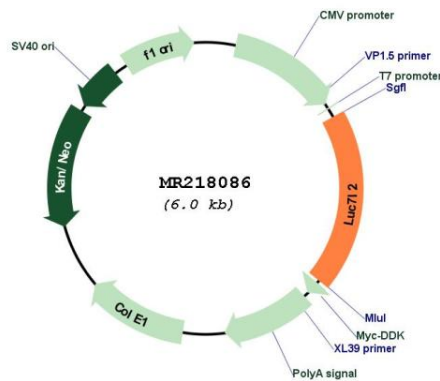
Locus ID: 192196

Cytogenetics: 6 B1

MW: 45.9 kDa

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

Product images:



Circular map for MR218086