

Product datasheet for **MR205076**

Luc7l2 (BC020058) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Luc7l2 (BC020058) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Luc7l2
Synonyms:	Cgi74, CGI-74, CGI-59
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205076 representing BC020058 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATCTTGGAGAATGCTTGAAAGTCCATGACCTGGCTTTAAGAGCAGATTATGAAATTGCGTCCAAAG
AACAGACTTTTTCTTTGAACCTGATGCCATGGATCATCTGCAGTCATTCATTGCAGATTGTGATAGAAG
AACAGAAGTATCTAAGAAAAGACTAGCAGAACTCAAGAAGAGATAAGTGCTGAAGTGGCTGCAAAGGCA
GAGCGTGTTTCATGAGTTAAATGAGGAAATAGGCAAGTTGTTGGCCAAAGTGAACAACCTAGGAGCTGAAG
GAAATGTGGAAGAATCTCAGAAAGTCATGGATGAAGTCGAGAAAGCACGGGCAAAGAAAAGAGAAGCAGA
GGAAGTTTATCGGAACCTATGCCAGCTTCCAGCTTTCAGCAGCAGAACTTCGTGTCTGCGAGGTCTGC
TCTGCGTATTTAGGTCTTCATGACAATGACAGGCGACTGGCTGATCATTTTGGGGGTAAATTGCACCTGG
GATTTATTGAAATAAGAGAGAAGCTGGAAGAATTAAGAGAGTTGTAGCTGAGAAGCAGGAGAAGAGAAA
CCAGGAACGTCTGAAACGAAGAGAAGAGAGGGAGAGAGAAGAACGGGAGAACTGAGGAGGTCCCGATCA
CATAGCAAGAATCCCAAAGATCTAGATCCAGAGAGCATCGCAGACACCGATCTCGCTCCATGTCACGAG
AACGCAAGAGGAGGACTCGATCCAAGTCTCGTGAGAAACGCCATCGCCACAGGTCCAGGTCCAGTAGCCG
AAGCCGACGCCGTAGCCACCAGAGAAGTCGGCACAGTTCAAGAGATAGGAGCAGAGAGCGATCCAAGAGG
AGATCCTCAAAAGAAAGATTCAAGATCAAGACTTAGCATCAGTGACAGAGACAGGAGTTCAAGAGACA
GATCACCTCGTGACCGAGATCGAAAAGATAAGAAGCGGTCTATGAGAGTGCTAATGGCAGATCAGAAGA
CAGGAGGAGCTCTGAAGAGCGTGAAGCAGGGGAGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205076 representing BC020058
Red=Cloning site Green=Tags(s)

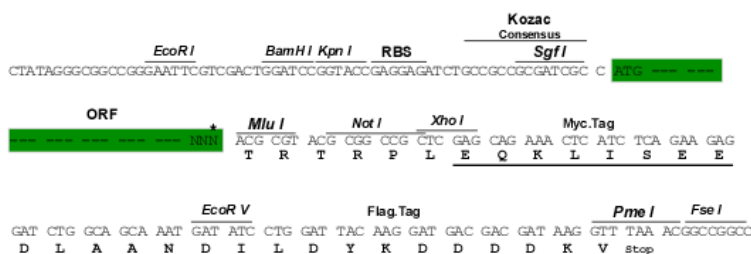
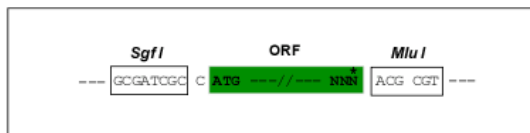
MDLGECLKVHDLALRADYEIASKEQDFFELDAMDHLQSFADCDRRTVSKKRLAEIQEEISAEVAAKA
ERVHELNEEIGKLLAKVEQLGAEGNVEESQKVMDEVEKARAKKREAEVYRNSMPASSFQQQLRVCEVC
SAYLGLHDNDRRRLADHFGGKHLHGFIEIREKLEELKRVVAEKQEKRNRQLKRREEREREERKLRRSRS
HKNPKRKSREHRRHRSRSMRERKRRTSKRSREKRHRHRSRSSSRSSRSRSHRSHRSSRDRSRERSKR
RSSKFRFDOLASRDRDRSSRDRSPRDRDKPKRSYSANGRESDRSSSEEREAGEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC020058

ORF Size: 1017 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC020058.1](#)

RefSeq Size: 2411 bp

RefSeq ORF: 1019 bp

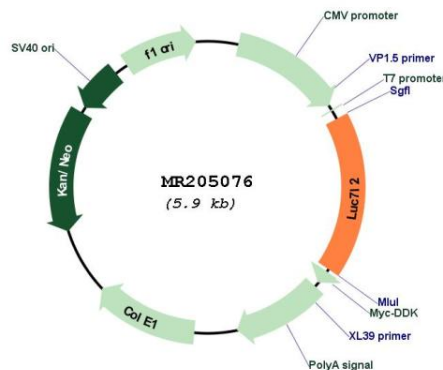
Locus ID: 192196

Cytogenetics: 6 B1

MW: 88.3 kDa

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

Product images:



Circular map for MR205076