

Product datasheet for **MG205076**

Luc7l2 (BC020058) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Luc7l2 (BC020058) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Luc7l2
Synonyms:	Cgi74, CGI-74, CGI-59
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205076 representing BC020058 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCTTGGAGAATGCTTGAAAGTCCATGACCTGGCTTTAAGAGCAGATTATGAAATTGCGTCCAAAG
 AACAGACTTTTCTTTGAAGTTGATGCCATGGATCATCTGCAGTCATTCATTGCAGATTGTGATAGAAG
 AACAGAAGTATCTAAGAAAAGACTAGCAGAACTCAAGAAGAGATAAGTGCTGAAGTGGCTGCAAAGGCA
 GAGCGTGTTTCATGAGTTAAATGAGGAAATAGGCAAGTTGTTGGCCAAAGTGAACAAGTGGAGCTGAAG
 GAAATGTGGAAGAATCTCAGAAAGTCATGGATGAAGTCGAGAAAGCACGGGCAAAGAAAAGAGAAGCAGA
 GGAAGTTTATCGGAAGTCTATGCCAGCTTCCAGCTTTCAGCAGCAGAACTTCGTGTCTGCGAGGTCTGC
 TCTGCGTATTTAGGTCTTCATGACAATGACAGGCGACTGGCTGATCATTTTGGGGGTAAATTGCACCTGG
 GATTTATTGAAATAAGAGAGAAGCTGGAAGAATTAAGAGAGTTGTAGCTGAGAAGCAGGAGAAGAGAAA
 CCAGGAACGTCTGAAACGAAGAGAAGAGAGGGAGAGAGAAGAACGGGAGAACTGAGGAGGTCCCGATCA
 CATAGCAAGAATCCCAAAGATCTAGATCCAGAGAGCATCGCAGACCCGATCTCGCTCCATGTCACGAG
 AACGCAAGAGGAGGACTCGATCCAAGTCTCGTGAGAAACGCCATCGCCACAGGTCCAGGTCCAGTAGCCG
 AAGCCGACGCCGTAGCCACCAGAGAAGTCGGCACAGTTCAAGAGATAGGAGCAGAGAGCGATCCAAGAGG
 AGATCCTCAAAAGAAAGATTCAAGATCAAGACTTAGCATCACGTGACAGAGACAGGAGTTCAAGAGACA
 GATCACCTCGTGACCGAGATCGAAAAGATAAGAAGCGGTCTATGAGAGTGCTAATGGCAGATCAGAAGA
 CAGGAGGAGCTCTGAAGAGCGTGAAGCAGGGGAGATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


[View online »](#)

Protein Sequence: >MG205076 representing BC020058
 Red=Cloning site Green=Tags(s)

MDLGECLKVHDLALRADYEIASKEQDFFELDAMDHLQSFADCDRRTVSKKRLAETQEEISAEVAAKA
 ERVHELNEEIGKLLAKVEQLGAEGNVEESQKVMDEVEKARAKKREAEVYRNSMPASSFQQKLRVCEVC
 SAYLGLHDNDRLADHFGGKLHLGFIIEIREKLEELKRVVAEKQEKRNQERLKRREEREREEREKLRRSRS
 HSKNPKRSRSREHRRHRSRMSRERKRRTSRKSREKRRHRSRSSRSRSHQSRHSSRDRSRERSKR
 RSSKERFRDQLASRDRDRSSDRSPDRDRDKDKRSYESANGRSEDRRSSEEREAGEI

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



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

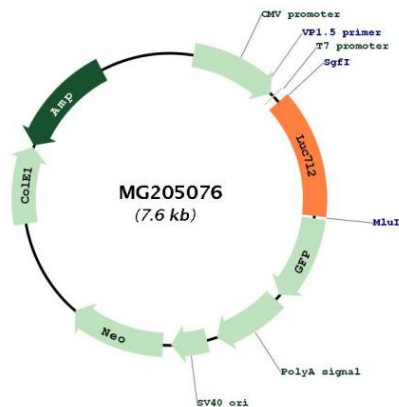
RefSeq ORF: 1019 bp

Locus ID: 192196

Cytogenetics: 6 B1

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

Product images:



Circular map for MG205076