

Product datasheet for **RG218059**

LRRC66 (NM_001024611) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC66 (NM_001024611) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	LRRC66
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RG218059 representing NM_001024611
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAAAACCTCTATTTTCAGAGTCATTACCATAGTTATAGGTCTTTATTTTACTGGAATAATGACAAATG
 CATCAAGAAAAAGCAATATTTTATTCAATTCTGAATGCCAATGGAATGAATATATTCTGACAAATTGTTC
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 CAGATCTGATAAGGCTGCCTTCCATGAAAGAGACTCAGACATTTTAAAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG218059 representing NM_001024611

Red=Cloning site Green=Tags(s)

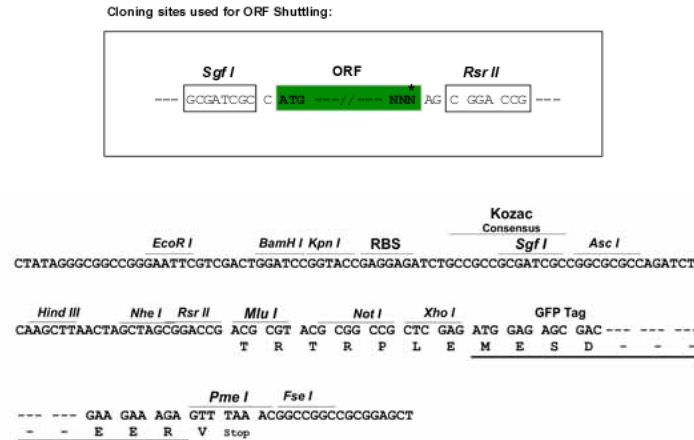
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PPQAFKDLKKLQVIDLSNNALITILPMMIIALEFPHLVVDLADNNWQCDDSVAVFQNF ISESWRKKWNVI
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DLLSIQQPRLSGARAEALSAHYSEVPYGDPRDTGPSVFPPRWDSGLDVTPANKEPVQKSTPSTCCCELE
SDCDSDEGSLFTLSSISSESARSKTEEAVPDEESLQDESSGASKDNVTAVDSLEENVTFQTIPGCKKNQE
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LRDLEFSNVDVLQQTPPCSAEVPSPDKAAFERDSDILK

SGPTRRRLE - GFP Tag - V

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:



ACCN: NM_001024611

ORF Size: 2640 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_001024611.3](#)

RefSeq Size: 3348 bp

RefSeq ORF: 2643 bp

Locus ID: 339977

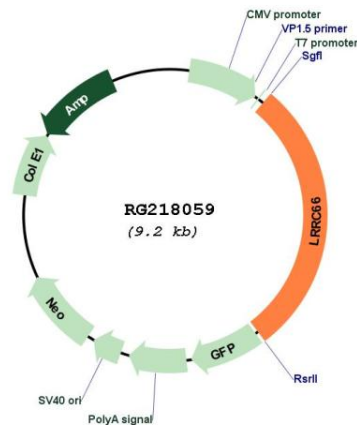
UniProt ID: [Q68CR7](#)

Cytogenetics: 4q12

Protein Families: Transmembrane

Gene Summary: This gene encodes a protein belonging to the leucine-rich repeat family of proteins, which are involved in diverse biological processes, including cell adhesion, cellular trafficking, and hormone-receptor interactions. [provided by RefSeq, Apr 2017]

Product images:



Circular map for RG218059