

Product datasheet for **RC218059**

LRRC66 (NM_001024611) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC66 (NM_001024611) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LRRC66
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC218059 representing NM_001024611
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

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Protein Sequence: >RC218059 representing NM_001024611
 Red=Cloning site Green=Tags(s)

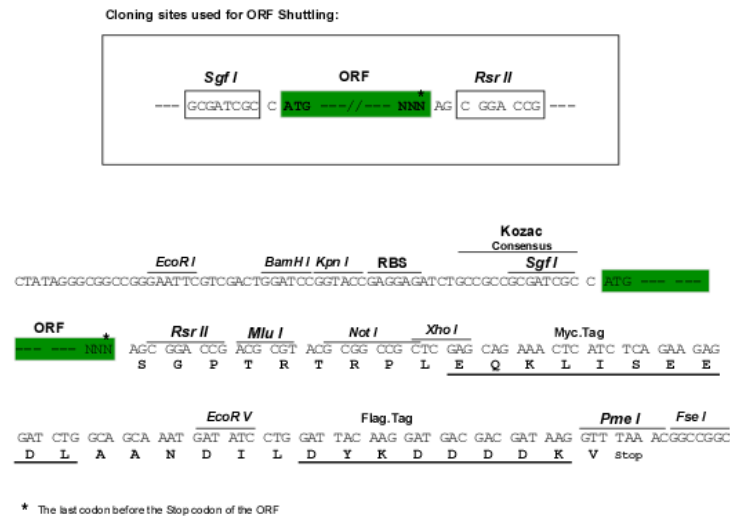
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SGPTRRRLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8004_g05.zip

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.

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

RefSeq: [NM_001024611.3](#)

RefSeq Size: 3348 bp

RefSeq ORF: 2643 bp

Locus ID: 339977

UniProt ID: [Q68CR7](#)

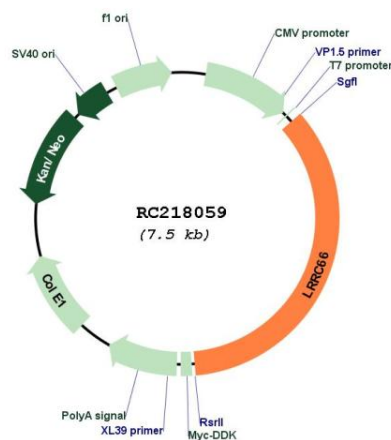
Cytogenetics: 4q12

Protein Families: Transmembrane

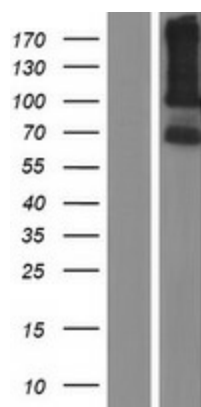
MW: 97.6 kDa

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 RC218059



Western blot validation of overexpression lysate (Cat# [LY422519]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC218059 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).