

Product datasheet for **RC208889**

LRRC67 (PPP1R42) (NM_001013626) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC67 (PPP1R42) (NM_001013626) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LRRC67
Synonyms:	dtr; LRRC67; TLLR; TLRR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC208889 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTCGACTGACCTTGGATCTAATTGCCAGAAACAGCAATCTTAAACCCGAAAAGAAGAAACCATTTCACAGTGCCTGAAGAAAATAACTCATATAAATTTTTCAGACAAAATATAGATGCAATTGAAGACCTCTCTCTTTGCAAAAATCTTAGTGTATTTATATGATAATTGTATTAGTCAAATCACTAACCTGAATTATGCCACAAATCTGACCCACTGTACCTACAAAACAATTGTATTTTCATGTATAGAGAACCTCAGGTCATTAAAGAACTGGAAAACCTGTATCTGGGAGGCAATTACATTGCTGTCATAGAAGGTTTGAAGGATTAGGAGACTAAGAGAGCTTCATGTTGAGAATCAGAGGCTTCCCCTTGGGGAAAAGCTTCTGTTTGATCCAAGAACTTTCATTCTCTGGCAAAATCCCTCTGTATATTGAATATCAGCAATAATAATATTGATGACATTACAGACTTAGAACTACTAGAGAATCTTAATCAGCTCATAGCCGTTGACAACCAACTTCTGCATGTGAAGGATTTGGAGTTTTACTGAACAAGTTGATGAAGCTGTGAAAATTGATCTAAATGAAATCCTGTTTGTCTCAAACCAAAATACAGGGACAGACTGATATTGGTGTCCAAATCACTGGGTACATATTTATAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RC208889 protein sequence
Red=Cloning site Green=Tags(s)

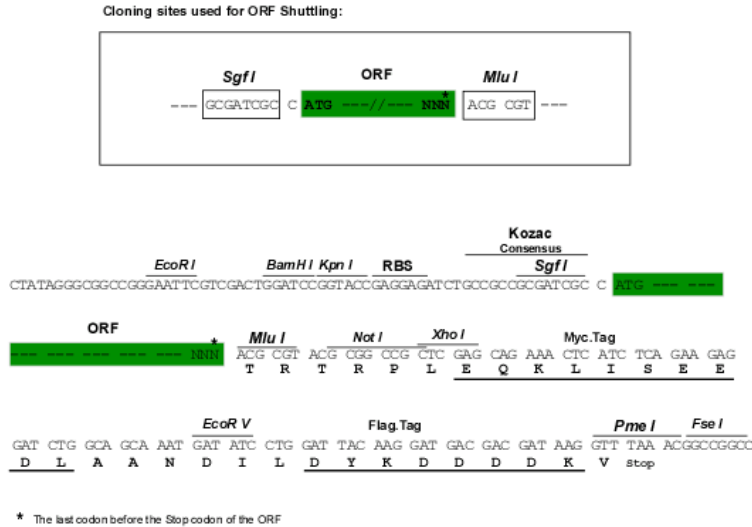
MVRLTLDLIARNSNLKPRKEETISQCLKKITHINFSDKNIDAIEDLSLCKNLSVLVLYDNCISQITNLNY
 ATNLTHLYLQNNCISCIENLRSLKKLEKLYLGGNYIAVIEGLEGLGELRELHVENQRPLGKLLFDPRT
 LHSLAKSLCILNISNNIIDDITDLELLENLNLQIAVDNQLLHVKDLEFLNKLMLKWKIDLNGNPVCLKP
 KYRDRLILVSKSLGTYLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6796_b09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001013626

ORF Size: 684 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_001013626.4](#)

RefSeq Size: 1111 bp

RefSeq ORF: 687 bp

Locus ID: 286187

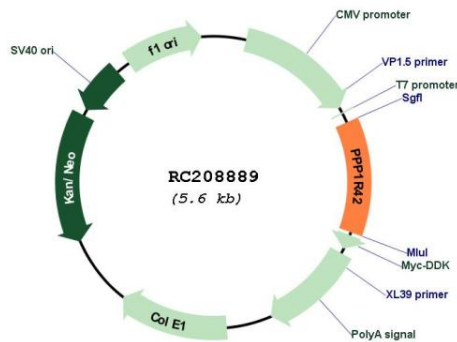
UniProt ID: [Q7Z4L9](#)

Cytogenetics: 8q13.1

MW: 26.2 kDa

Gene Summary: The protein encoded by this gene can interact with gamma-tubulin and PP1 phosphatase, a regulator of centrosome separation. The encoded protein is a positive regulator of PP1 phosphatase and thus plays a role in the control of centrosome integrity. [provided by RefSeq, Feb 2017]

Product images:



Circular map for RC208889