

Product datasheet for **RC231115**

LRRC3C (NM_001195545) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	LRRC3C
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-Entry (PSI00001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC231115 representing NM_001195545
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCGTATGACCTCATCTTCCTTCGTATCCTACTGCACTCCAGGACTATGCCAATTTATGGCCATGCTCC
CAACAGCAGGTACCTCCTGCCCTCCTGCTGGTATAGGCACAGGGGTAAGTGTGCCAGCCCCCAGGT
GCCTCCCCGGGGCTGTTATGTGGCAAAGGAAGCAGGTGAACGACGTTCCGCTGCAGCCAGGCAGGCCTC
AGTGCTGTGCCCTCCGGCATCCCCAATGACACCGCAAGCTCTACCTGGATGCCAACCAGCTGGCATCGG
TGCTGCTGGTGCCTCCAGCACCTGCCTGTCTGGAGGAGTTGGATCTGTCCATAATGCCCTTGCCCA
CCTCTCAGGGGCGGCTTCCAGGGCCTGGAGGGCACATTGCGCCACCTCGACCTCTCTGCCAACCAGCTG
GCCTCAGTGCCCGTGGAGGCCCTTTGTGGGGCTACAGATCCAAGTGAACCTATCCGCAAACCCATGGCACT
GTGACTGCGCCCTCCAGGAAGTGCTCCGGCAGGTGAGGCTGGTCCGGGCACTGGGACAGGCATCGTGTG
TGGCTCAGGAGCCCGACCGGACCTCGTGGGGCAGGAGTTCTGCTGCTGGCAGGGGAGGAAGAGCTGTGT
GGGTCGGGGTGGGGTGGGGCCCGAGGAGCACCATGTGGCCCTGCTGGTCACCATGGGGGCTGGCTGA
CACTCATGGTGGCTTATCTGGTGCATTATGTGTGGCAGAACCGAGATGAGACCAGGCGCTCCCTCAAGCG
GGCCCCAGTGCTGCCCGTGCCTCCGAGGACTCCTCCATCCTCAGCACAGTGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RC231115 representing NM_001195545
Red=Cloning site Green=Tags(s)

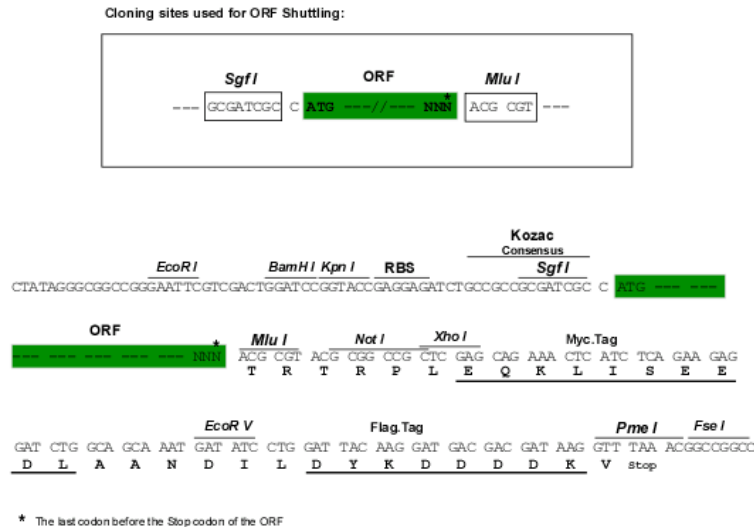
MRMTSSSFVSYCTPGLCQFMAMLPAGHLLPLLLVIGTGGTVSPQVPPRCYVAKEAGERTFRCSQAGL
SAVPSGIPNDTRKLYLDANQLASVPAGAFQHLPLVLEELDLSHNALAHLGAAFGLEGTLRHLDSLQNL
ASVPVEAFVGLQIQVNL SANPWHCDALQEVLRQVRLVPGTGTGIVCGSGARPDLVGQEFLLLAGEEELC
GSGWGGARRSTDVALLVTMGGWLTLMVAYLVHYVWQNRDETRRSLKRAPVLPVRSEDSSILSTVV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1274_b10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001195545

ORF Size: 825 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_001195545.1](#), [NP_001182474.1](#)

RefSeq ORF: 828 bp

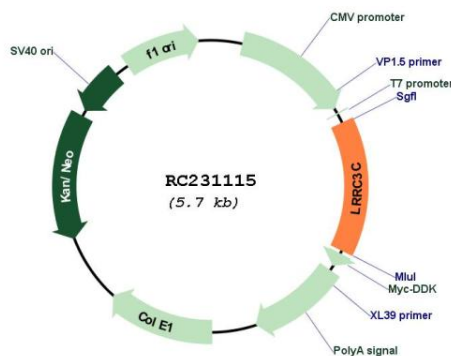
Locus ID: 100505591

UniProt ID: [A6NJW4](#)

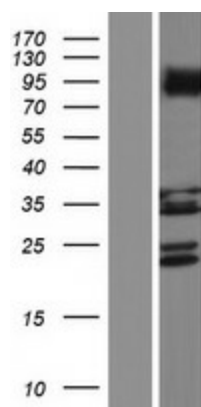
Cytogenetics: 17q21.1

MW: 29.8 kDa

Product images:



Circular map for RC231115



Western blot validation of overexpression lysate (Cat# [LY434114]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC231115 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).