

Product datasheet for RC225419

LRRC30 (NM_001105581) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC30 (NM_001105581) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LRRC30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC225419 representing NM_001105581 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGGCCAGGCAGTCAAGGGCCAGCTCCAAGGATAAGGGCCCCAAGAGGATGCTGTTACGGGGAGGA
 GACAGAAGTTTTCTCCGTGGGACGATGCCCTGCTCTCGGGAAGGGACCCGCGTCCCTGCTGAAGCGGGG
 CATGCACCACGTCAGCTTCAGCCTGGTCACGAGAGGAATGACAGACATCCCCGACTTTCTGTGGGGCTTG
 TCCGAGGTCCAGAACTCAATCTGTCTCACAACCAGCTCCGGTTCTCCCTCCCGAGGTGGGAACTGA
 CCCGATCGTGGTCTGAACCTTGTCGGGAACCGCCTGAAGAGCCTGCCAGAGAAGTGAGCCTCCTACA
 GTGCCTCAAGGTCCTGTTGTCAACATGAACCTGCCTGACAGAGGTGCCGGCCGAGCTGAGCTTGTGCCGA
 AAGCTGGAGGTCCTGAGCTTGTGCGACAACCTGCCTGTCCAGCTCCCTGCATGCTTCGCCGACCTCTCTA
 GACTGAGGAAGCTAAACCTCAGCAACAACCTTCTTCGCGCACATCCCCATGTGTGTGTTCTCCCTGAAGGA
 ACTGATTTTCTTGACGTGGGCTCGAATCGCCTGGAAAACATCGCTGAGAGCATCCAGCACCTGGCCAGC
 CTGCAGATCTTCATCGCAGAGGGCAACAACATCCACTCCTTCCCGAGGTGCTTTGCCTGGTCACCAGCC
 TGGAGCTGCTGAACCTCAACAACATGACATCCAGACCCTCCCGAGCGAAGTCCACCTGCTGTGTAGACT
 GGTGAGGATCGCCTGGAATCCCATGGACAAAGGGCTCCACATTTCCACAACCCTTTATCCAAGCCTCTG
 CCGGAGCTGGTGGAGGGGGCCTGGAGATGCTCTTCGGCTACCTGAAGGACAAAAACACACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RC225419 representing NM_001105581
 Red=Cloning site Green=Tags(s)

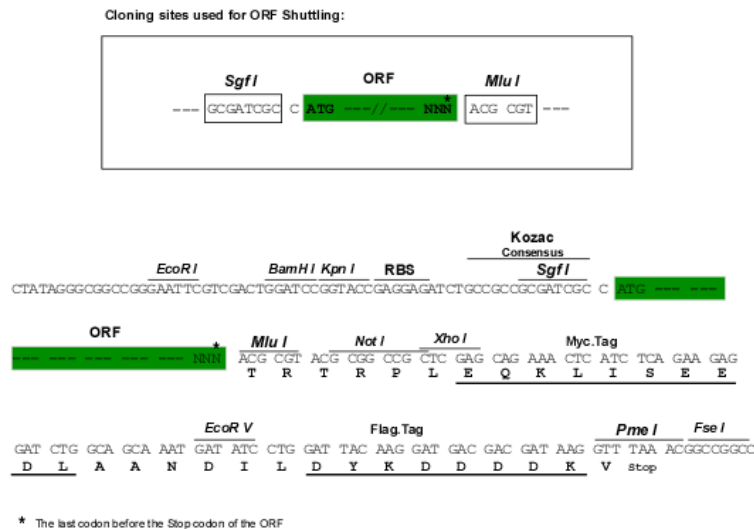
MGARQSRASSKDKGPKRMLFTGRRQKFSWDDALLSGRDPRLSKRMHHVSFSLVTRGMTDIPDFLWGL
 SEVQKLNLSHNQLRVLPPVEVGKLTRIVVLNLGNNRLKSLPREVSLQCLKVLVNMNCLTEVPAELSLCR
 KLEVLSLSHNCLSQLPACFADLSRLRKLNLNNFFAHIPMCVFSKELIFLHVGSNRLNIAESIQHLAS
 LQIFIAEGNNIHSFPRSLCLVTSLELLNLNNNDIQTLPSLHLLCRLVRIAWNPMKGLHISHNPLSKPL
 PELVEGGLEMLFGYLKDKKHT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8033_d12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001105581

ORF Size: 903 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_001105581.2

RefSeq ORF: 906 bp

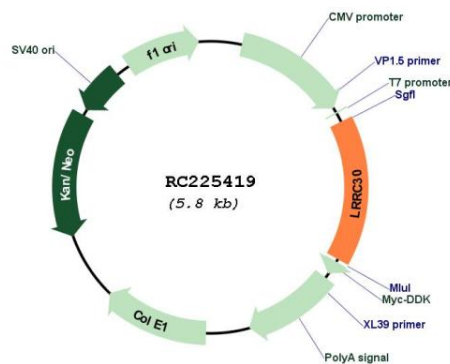
Locus ID: 339291

UniProt ID: A6NM36

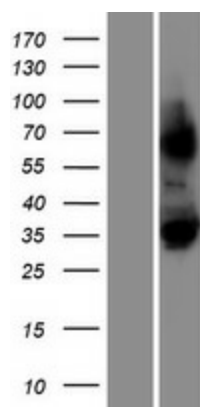
Cytogenetics: 18p11.23

MW: 33.9 kDa

Product images:



Circular map for RC225419



Western blot validation of overexpression lysate (Cat# [LY426291]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC225419 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).