

Product datasheet for RC231128

LRRC72 (NM_001195280) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC72 (NM_001195280) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LRRC72
Synonyms:	CFAP279; FAP279
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC231128 representing NM_001195280 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCCTGGGACCCGAACCCGTGCCCCGTACCTTGCGATGCTGGCGCCTACGGAGGGCATCCGAACTG
 CCCTACAGAGCAGTCGCCGGGCAGTTGAAGATCAGCTAAAGATATGTGGCCACAGGAGGGATGCTGATGT
 CTTTGAGCTGTTCTTTCTAAAAAGGAAGTACAGAGGTCATTGATCTTTCTAGGTTTAAAAAATTAAAA
 TACTTATGGCTTCATCATAACAAGCTCCATGGAATAACATTTCTAACTAGAACTATTGTCTGACAGAAC
 TATATCTAAACAACAATGCAATATTTGAGATAGAAGGTCTGCATTATTTGCCTTCATTGCATATACTCCT
 GCTACACCACAATGAGCTAACCAACATTGATGCAACAGTGAAGGAATTAAGGGAATGCTAAATCTGAAG
 ATCCTAAGTCTATACCAAAATCCTTTGTGCCAATATAACCTGTATCGTTTATATATCATCTACCACCTTC
 CAGGAGTGGAGCTGCTTGACCGAAATCAAGTTACAGAAAAAGAAAGAAGATCAATGATTACCATTTTTAA
 CCATAAAAGGCTCATATCGTTCAATCAATAGCATTCCGAGGAAAAAGTGGATGCTTCATGGGATCCTAAA
 TCACCATTTAAGCAAAACCAGCCAGAGAGTACCTTCAGATTTTGCATTTGCAAATAATGTAGACAAAA
 CTGTGCTTGATGACCCAGAAGATGCTGTTTTGTGAGGTCCATGAAGAGATCAGTGATGACTTTGACCTC
 TATGAAGTGGGACACAGTTCCAACACGAGAGGAAAGGTACCTTGAAGAGGAAGGCACAGAAACAGCTCAA
 ATGCTCACAGTTACACTGAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RC231128 representing NM_001195280
 Red=Cloning site Green=Tags(s)

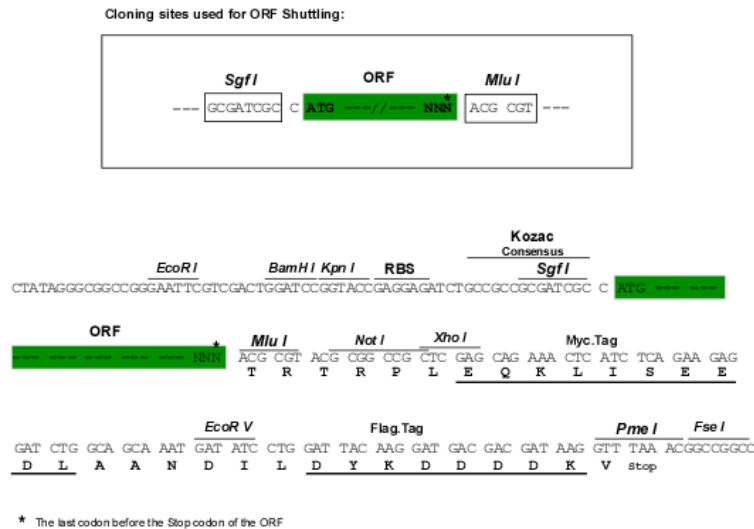
MSWDPNPVPRTLRCWRLRRASETALQSSRAVEDQLKICGHRDADVFEFLSKKELTEIDLRFKLLK
 YLWLHHNKLHGITFLTRNYCLTELYLNNAIFEIEGLHYLPSLHILLHHNELTNIDATVKELKGMNLK
 ILSLYQNPLCQYNLYRLYIIYHLPGVLLDRNQVTEKERRSMITIFNHKKAHIVQSIAGGKVDASWDPK
 SPFKQKPAQRVPSDFAFANNVDKTVLDDPEDAVFVRSMKRSVMTLTSMNWDVPTREERYLEEETETAQ
 MLTVTLR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1267_g09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001195280

ORF Size: 861 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_001195280.2](#)

RefSeq ORF: 864 bp

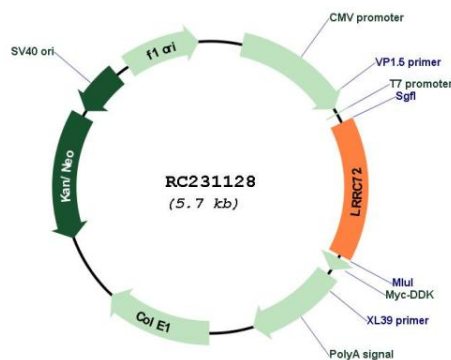
Locus ID: 100506049

UniProt ID: [A6NJI9](#)

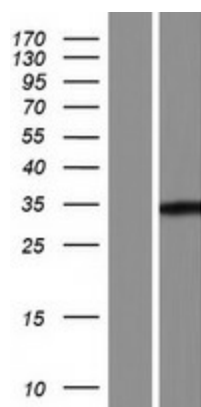
Cytogenetics: 7p21.1

MW: 34.1 kDa

Product images:



Circular map for RC231128



Western blot validation of overexpression lysate (Cat# [LY434127]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC231128 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).