

Product datasheet for **MR206692**

Lrrc42 (NM_029985) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc42 (NM_029985) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrrc42
Synonyms:	A930011F22Rik; AA536996
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR206692 representing NM_029985
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTTACTACCTCAACTCAGAAGCCACCTGGATCCAGGGCCCATCTATGTTGAGAAAAATGGGCAGC
 TACACATGGTCAACCTGGCTCTGGATGGTGTAAAAACAGCCTGCAGAAGCCACGACCATTCACTCTT
 TCCCAAAGGCTTTTCCGTGGAGCTGTGCATGAACAGGGAAGACGACACTGCACAGAAAGAGAAGACCGAT
 CACTTTATCTTCACGTACACCCGAGAGGGGAATCTGCGATACTCTGCTAAGTCCCTCTTCAGTCTGGTGC
 TGGGCTTCATCTCCGACAATGTTGATCACATTGATTCCCTCATCGGCTTTCCTGAGCAGATCGTGAGAA
 GCTGTTCTCTGCTGCTGAAGCCAGACAGAAATTCACAGAGCCAGGGGCAGGGCTCAGGGCGTTACAGAAG
 TTCACTGAGGCCTACGGGAGTCTGGTGTGTGCTCGTGTGCTTGCAGAACAGGTATTTGGTGGTTGCAG
 AAAAGCTTGAAGAGATCAAGTCTTCCGGGAGCTGACCCGTCTAGACCTCTCTGTTGCTGGCTTGGAGA
 TGAGCATGAGCTTCTAGAACACCTACCAATGAAGCTCTGTCCAGTGTCACTCAGCTCCACTTGAAGGAT
 AATTGCTTATCTGATGCAGGCATTTCGAAAATGACAGCACCAGTGCAGGTGATGAAAAGAGCGCTTGAGA
 ATCTAGCGCTGTTAGACCTGTCTTGAACCCCTGAGATAACAGACGCTGGAATTGGATACCTGTTTTCATT
 TAGAAAATTAAATTGCTTGGATATCTCTGGAACAGGACTAAAGGACATCAAAGCCGTTAAGGACAAGCTC
 CGGGCAAAACATAGGCCTTGTCTCACTCCAAAGTGCCCTTGAAGGAATTTGATCATAGTAAGTCAAAACAG
 AGGGCTGGGCTGACCAGATTGTTCTACAGTGGGAGCGAGTGAGCGTGGAAGCCGTGCGGCAGCGGAAAGA
 TGTGGAGCCTCGAAAGGCAGCTCAATACTTCTACCAGAATCGAGCTCGCACAGAAGTTACAAGGAAATGT
 CCCCTCGCAGAGACCCACATGAACCTTCTGAAAACTCCAGTTCTATAGGGAGGAGGCTCCGACTGCC
 ATGAGCCACTGTTGAGCCAAGAATCAAAGAAGAGCAAGAAGAGAGCTTTCAAGGAGTCAGAGCAGGAGCA
 GAGCTCGCCCCAGTCGGCCAAGCAGAAGTGTGTGTGCTGGCTGTGGAAGATTGGGATTTGCTCAATTCC
 TAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206692 representing NM_029985
 Red=Cloning site Green=Tags(s)

MAYYLNSEAHLDPGPIYVRENGQLHVMNLALDGVKNSLQKPRPFRLFPGKFSVELCMNREDDTAQKEKTD
 HFIFTYTYREGNLRYSAKSLFSLVLGFIISDNVDHIDSLIGFPEQIAEKLFSAAEARQKFTEPGAGLRALQK
 FTEAYGSLVLCCLRNRYLVVAEKLEEKSFRELTRLDLSCCWLGDHEHLEHLTNEALSSVTQLHLKD
 NCLSDAGIRKMTAPVRVMKRGLENLALLDLSCNPEITDAGIGYLFSTRKLNCLDISGTGLKDIKAVKDKL
 RANIGLVHSKVPLKEFDHSNCKTEGWADQIVLQWERSVEAVRQRKDVEPRKAAQYFYQNRARTEVTRKC
 PLAETHMNSSGKLQFYREEAPDCHEPLLSQESKSKKRAFKESEQEQQSSPSAKQKCVCLAVEDWDLNLS
 Y

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Chromatograms:

https://cdn.origene.com/chromatograms/mm9079_h08.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_029985

ORF Size: 1263 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_029985.2](#), [NP_084261.1](#)

RefSeq Size: 1756 bp

RefSeq ORF: 1266 bp

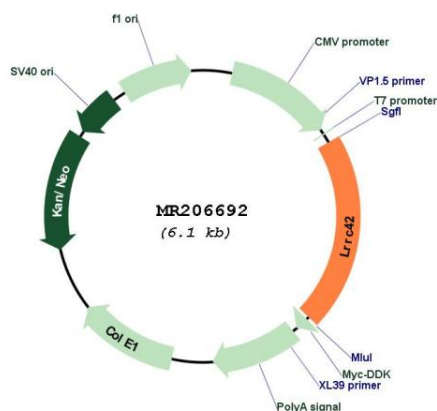
Locus ID: 77809

UniProt ID: Q8R2U7

Cytogenetics: 4 C7

MW: 47.9 kDa

Product images:



Circular map for MR206692