

Product datasheet for **MR217508**

Lrrc47 (NM_201226) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc47 (NM_201226) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrrc47
Synonyms:	2900010D03Rik; AA960559; mKIAA1185
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR217508 representing NM_201226
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCGGCGGCGATGGCCGTGTCCGAGGCCTGGCCGAGCTGGAGCTGGCCGAGCGCGAGCGCGGC
 GCGAGCTGCTGCTGACCGGGCCCGGCTGGAGGAGCGGGTGAAGGCGGCGGGCGGGCTTCGCGCGCG
 GCTCTTACGCTGCCGCTGCTGCACTACCTGGAGGTGAGCGGCTGCGGCAGCCTGCGCGCGCCGGGCCCC
 GGCTTCGCGCAGGGCCTCCCGCAGCTGCACAGCCTGGTGTGCGGCGCAACGCGCTGGGGCCGGGCTGA
 GCGCGAGCTGGGGCCGCTGCCGCGCTGCGCGTCTCGACCTGTCCGGCAACGCGTTGGAGACGCTGCC
 GCGCGGAGGGGCTGGGCCCCGCGAGCCCCCGGACTACCGCAGCTGCAGAGCCTCAACCTCAGCGGC
 AACCGCTGCGCGAGCTGCCGCGGACCTGGCGCGCTGCGCCCTCGCTGCAGAGCCTCAATCTCACCG
 GCAACCGCTGGACGCTTTCCCCCGAGCTCTTCCGGCCAGGAGCTTGCCCTGCTCAGTGAGCTGGC
 AGCTGCCGACAAGTGCCTGCGGGAGCTCAGCCAGACATCGCGCATCTTGCTCGCTCAAGACATTGGAC
 CTCTCAAACAACCAACTAACAGAGATCCCTGCTGAGCTGGCAGACTGCCCAAGCTCAAAGAGATCAACT
 TTCGAGGAAACAGGCTTCGAGACAAGCGCTGGAGAAGATGGTGGTGGTGCCAGACCAAGTCCATCCT
 AGAGTACCTTCGTGCTGGTGGCCGCGGCGGCGGAGCAAGGGCCGGAAGAGGCTCTGAGAAGGAGGAC
 AGAAAGAAGAGACGGGAGCGGAAGCAGCATCGGAAAGCGGGAGGGCGAGGAGGAGGTAGCAGACTCAG
 CCAGGCTGATGCTCAAGGTCTTGATGTCTGAGAACCCACACCCCTGACAGTCAGGGTGAGCCCGGA
 GGTCAGGATGTGCGCCCATACATCGTCGGGGCCATTGTGAGAGGCATGGACCTGCAGCCAGGAAATGCA
 CTCCGTCGCTTTCTCAACTCCCAGACGAAGCTCCACGACGACCTCTGCGAGAAGAGGACAGCAGCGACCA
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 GAACAGAGAAAGCAGAAGAAGAGGCAGAGCGTCTCAGGGCTGCACAGGTACCTTCACCTCTGGATGGGA
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 TGTAAGGACATCATGGACAGCCTTATCTGAGAATGGCAGAACTGAGCAAAAGCACTTCAGAAAAATAAG
 AGGAAGACATGCTCTCAGGGACGGAAGCTGATGCCGGCTGTGGGCTTTCTGATCCCAACTGACTCTGAG
 CTCTGGGAAGGATGGACAGTGCCCTCTGGTGGTGGAGCAGGTCCGAGTGGTGGACCTGGAAGGGAGCTTG
 AAGGTGGTGTACCATCCAAGACGACCTGATCACCTCCCTCCCACTGACTGTGGTCCGC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>MR217508 representing NM_201226
 Red=Cloning site Green=Tags(s)

MAAAAMAVSEAWPELELAERERRRELLLTGPGLEERVKAAGRLPPRLFTLLHYLEVSGCSLRAPGP
 GLAQGLPQLHSLVLRNALGPGLSPELGPLPALRVLDLSGNALETLPGEGLGPAEPPGLPQLQSLNLSG
 NRLRELPA DLARCAPRLQSLNL TGNRLDAFPPELFRPGALPLLSELAADNCLRELSPDIAHLASLKTLD
 LSNNQLTEIPAEADCPKLKEINFRGNRLRDKRLEKMGVCQTKSILEYLRAGGRGGRSKGRQEASEKED
 RKKRRERKQHRSEGE EEEVADSARLMLKVLHVSENPTPLTVRVSPEVKDVRPYIVGAIVRGMDLQPGNA
 LRRFLNSQTKLHDDLCEKRTAATIATHDLQAVRGPLL YAARPPEDLKIVPLGRKEAKAKELVRQLQLEAE
 EQRKQKKRQSVSGLHRYLHLLDGKENYPCLVDAEGDVISFPPITNSEKTIKKTTCNLFLEVTSATSLQL
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 KVVYPSKTDLITLPPHVTVVR

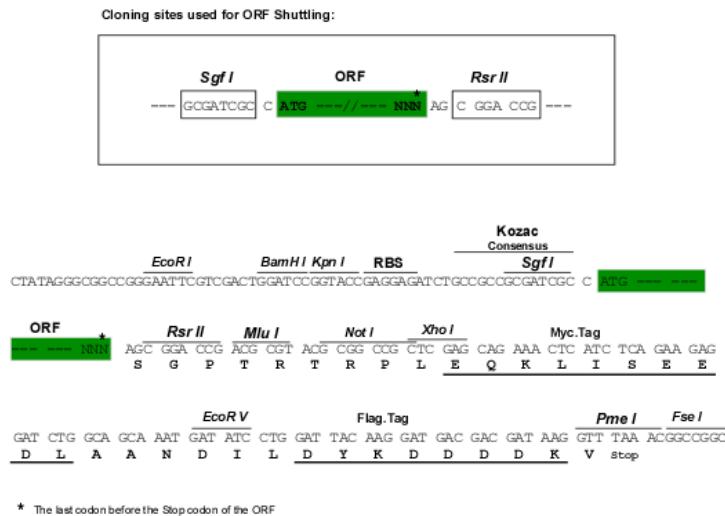
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9090_g03.zip

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:


ACCN: NM_201226

ORF Size: 1743 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_201226.1](#), [NP_957678.1](#)

RefSeq Size: 3395 bp

RefSeq ORF: 1746 bp

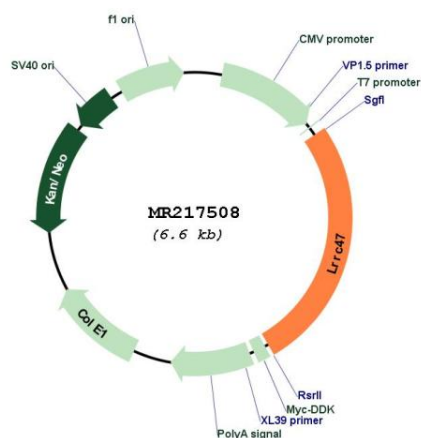
Locus ID: 72946

UniProt ID: Q505F5

Cytogenetics: 4 E2

MW: 63.6 kDa

Product images:



Circular map for MR217508