

Product datasheet for **MR215847**

Lrrc36 (NM_001033371) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc36 (NM_001033371) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrrc36
Synonyms:	BC036564
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR215847 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGCTCACGCCGTGGCTTTCGCCTCCAGATGACCGAGCCGTCCGTGACAGCGAGAGGAGAGCGGCCAAGC
TACATTTTCAGTCAGTTGGGCAACAGTGAAAATTTCTCTTAGAGGTGAAAAAAGCTCTAGGGAGAAGAC
AATGAAAACTGTGTGACAGATGAGGGCCCGCTCACACGTCACTCCTGAGTTGATGCCAGGATGGAA
ACAGACGCAAAACAAAGGACTTTTTATTCCTTCCCAACCGGAAATAAAGGATTCCTAACCCAGCATTT
GTGCAGCCAGGGCAGTGGCACACCAGCTCAGAAATTAGACGTTTTTCCGCTGGGACACAGATGCAGGA
AGCAACAAGAAGGAGACAAGTGACCTTACCAGGAAGATGGATTAGAACTCAGGCTCTACCCGCTCCT
CAGAGCACAGTCCGATCTCCAGAGAAGATGACGAGAGATGGATACCGAGTGTCTTCTAGACACTAAGT
CTTCAGGTTCTTCTCCAGAAAAGGACTTGATACCAAAACCTGATGCCTATCCATGTACCCATGATGCCTC
CTTGGGTAAACGCTGGATGTGGTGATTCTAACCAGATCCTTCCCTGTCAGTTACCTTCTGAGGTTTGT
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AGGGCAAGAACTACCGAGAACATAGCATAAAGCCTTCACAGGACAAAAAGGCCACCATCCCATCCCTG
TGGAGACTTAAACATCCCTGTCAAACCCGACTCCAGCACGGGAAGGCTGCTGAGGCTTAGCTCAGAT
CTCTATGCCACAACCCATTTCAACAGTGACCCCGCTCTGCTGGCAACGTGGAGCAACAGCTTTCAGCC
TCCGTGACTTTACACCAGCACCTGGTCTTTCCCAAGCAGCCCTGCCCTAGGAAATTCTCTGCGGACACT
GCTGCTGCCTCCTGGGACTCCAGAAAACAGGGAGATTCGACTAAGAGGTCATTAAGCCCTTCAAGGAGA
GGATTCAAGCGGAAGGACGGTATCCTTGCCAACCCGAGTCTGAAGCGTGGTTTCAAGATGCTACAGGCA
GCGAGGCGCAACCTCTCTAGTGACCTGGGAGTTTGCATGGTTATCAGGAAACCACAGTCTCCGAT
CTCTGCCAGAACCCCGCTGGCCACTGTCCTCAGACAGCTCCTGGAGCTGGTGGACAAGCACTGGAAT
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TCCCTGCACCCTCTCAGCAGTGGCGGCTCGAAGCTTGACGATAAGGCAGGGAAGCCTTGTGCTGGAG
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TTGTGAGTGGGCACCCATCACACACACGATGAGCTTCTGCGCAAAACCAACAGCTGACCATACAGGT
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CAGAGGTCCCTGGTGGTAACTAATGAGTATCTGCTGCAGCAGCTGCATAAAGAGCAGAAAGTTATCCG
GGAATCTCTCCTGCCTCCCGAGAAGAGTCATCTTTGGGGAGATCGTCGCCCTTTGGGAAAAGCAGCT
GTCTTCTCCTCCTACCAATGGTACACGACACGGGTCACTACCTAATACAGAGTGTCTCAGAAGCCGACCCA
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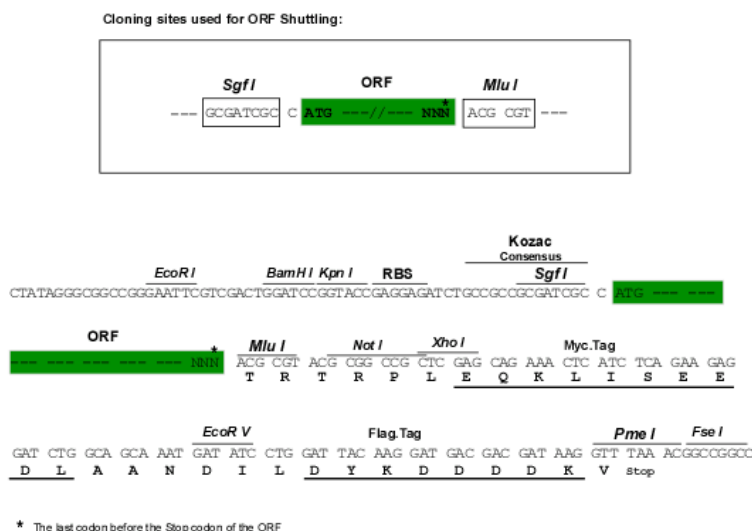
Protein Sequence: >MR215847 protein sequence
 Red=Cloning site Green=Tags(s)

MLTPWLSPDDRAVRDSERRAAKLHFSQLGNSENFLLVEKSSREKTMKNCVTDGPASHVSPEVDARME
TDANKGLFIPFPNREIKDSLTSICAAQSGSGTPAQKLDVFPLGTQMQEATRRETSDLHQEDGLELRLYPPP
QSTVRSPEKMTDRGYRVSFLDTKSSGSSPEKDLIPKPDAYPCTHDASLGKRLDVGDSNQILPCQLPSEVC
LDHYGNQYSQTLCLHGLSVKRAQKGKNYREHSIKPSQDKKATTSHPCGDLLTSLNPDSSSTGRLLRLSSD
LYATTHFNSDPALLANVEQQLSSLRDFTAPGSGFPSSPALGNSLRTLPPGTENREIPTKRSLSPSRR
GFKRKDGILANPSLKRGFQDATGSEAQPLSSDLGSLHGLSGNHSPPI SARTPHVATVLRQLELVDKHWN
GSGSLLLDKKFLGPARDLLSLVVPAPSQQWRRSKLDDKAGKALCWRETELKEAGLLVPNDVESLKQKL
KYLEENLVLSEKIQLEGAATSIVSGHPSHTHELLRKNQQLTIQVACLQELTQLKRLEETVALLHES
QRSLVVTNEYLLQLHKEQKGYSGKSLLPPEKSHPLGRSSPFGKSTLSSSPMVHDTGQYLIQSVSEADP
EPSIWS

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM 001033371

ORF Size: 1908 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_001033371.1](#), [NM_001033371.2](#), [NM_001033371.3](#), [NP_001028543.1](#)

RefSeq Size: 2102 bp

RefSeq ORF: 1905 bp

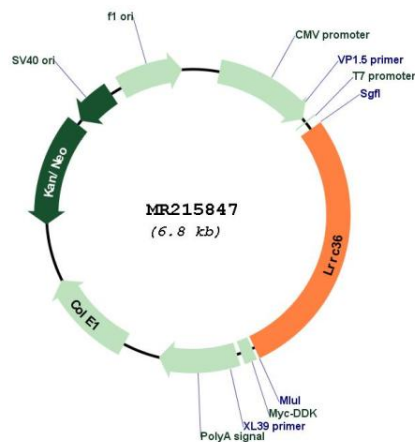
Locus ID: 270091

UniProt ID: [Q3V0M2](#)

Cytogenetics: 8 D3

MW: 70 kDa

Product images:



Circular map for MR215847