

Product datasheet for **RR205232**

Lrrc1 (NM_001014268) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc1 (NM_001014268) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrrc1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR205232 representing NM_001014268
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCCACTGCATTCCCCTGTGGCGGTGCAACCGTCATGTGGAGCCATCGACAAGCGCCACTGCTCGC
 TGGTCTACGTCCCGGAGGAGATCTATCGCTATGCCCGCAGCCTGGAGGAGCTGCTGCTGGACGCCAACCA
 GCTCCGGGAGCTCCCGAGCAATTTTTCCAGCTAGTGAATTACGGAAGCTTGGACTCAGTGATAATGAA
 GTTCAGCGGCTCCCTCCGAAATAGCAAATTCATGCAGCTGGTGGAACTCGATGTGTCTCGAATGATA
 TACCCGAGATTCCAGAAAGCATCTCCTTCTGCAAAGCGCTGCAGGTAGCTGACTTCAGCGGAAACCTCT
 CACCAGTTGCCCGAGAGCTTCCCTGAACACAGAACTAACATGCCTTTCTGTAATGACATCTCGCTA
 CAGTCTCTGCCGAGAATATTGGAAATCTATAACCTGGCTTCACTGGAAGTGGAGAGAACCTTCTTA
 CGTATCTTCTGACTCTTACCCAATAAGGAGACTAGAAGAACTTGATTTAGGAAACAATGAAATCTA
 TAGTTTCCGAGAATCAATTGGGGCGCTCCTACATCTGAAGGATCTCTGGTTGGATGGAAATCAACTGTCT
 GAGTTACCTCAGGAAATAGGGAATCTGAGGAACCTGCTCTGCTTAGATGTGTCTGAAAACAGGCTGGAAA
 GGCTTCTGAGGAAATCAGCGGCCTGATTTCTTGACAGACTTGGTCGTTTCCGAGAACTTGCTAGAAAAC
 AGTTCCCGACGGCATTGGAAAATAAAGAAGCTGTCAATCTTGAAGTTGGATCAGAACAGACTCACACAG
 TTGCTGAAGCAATTGGGGATTGTGAAAATCTCACCGAATTAGTCTTACGGAAAACCGGCTCCTGACCT
 TACCTACGAGCATTGGAAAATAAAGAAGTTGAACAACCTGAATGCAGACAGGAATAAACTAGTGTCTATT
 ACCAAAAGAGATTGGCGGATGCTGCAGCCTCACCGTGTCTGCATACGGGACAACAGACTGACCCGATA
 CCTTCAGAAGTATCACAGGCCATGGAACCTCACGTCTCGATGTGGCAGGGAACAGGTTACACCATCTGC
 CCTTATCGTACCACCCTGAAGTTAAAGGCCCTGTGGTTACTGACAACCACTCCAGCCTCCTCCTCAC
 GTTCCAGACAGAGCTAGACCACACCACCGGGAGAAGATTTAAACGTGTGTCTTACTTCCCTCAGATGCCT
 TCTGAGCCATCTGCCAAGAGAGCTGCCGCGCTGTGGTGCCATGGAGAGCCTGGTAAATGACGTCTCTG
 AGGAAGCCTGGGATGACCACTCCGTCCACAGATTAGCGCTATCCGCTTTTTGGAAGATGAGAAGGATGA
 AGAGGAAAACCAACGAGAACACTTCAGAGGCGAGCCACTCCACACCCAGGGGAATTAAGAACATGAAA
 AAGACGGTGGAGAATTTACGGAATGACATGAATGCTGCCAAAGGACTGGATTCAAACAAAACGAGGTCA
 ACCACGCCACCGAGCGGTGACCACGTCGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR205232 representing NM_001014268
 Red=Cloning site Green=Tags(s)

MFHCIPLWRCNRHVEAIDKRHCSLVVYPVEEYRYARSLEELLLDANQLRELPEQFFQLVKLRKLGKLSDFE
 VQRLPPEIANFMQLVELDVSRNDIPEIPESISFCKALQVADFSGNPLTRLPEFPELQNL TCLSVNDISL
 QSLPENIGNLYNLASLELRENLLTYLPDSLQLRREELDLGNNEIYSLPESIGALLHLKDLWLDGNQLS
 ELPQEIIGNLRNLLCLDVSENRLERLPEEISGLISLTDLVVSNLLETVPDGIKLLKLSILKLDQNRITQ
 LPEAIGDCENLTELVL TENRLLTLPTSIGKLLKLNLDNRNKL VSLPKEIGGCCSLTVFCIRDNRITRI
 PSEVSQAMELHVLDVAGNRLHHLPLSLTTLKLLKALWLDSDNQSQPLLTFTQTDVDHTTGEKILTCVLLPQMP
 SEPIQCQESLPRCGAMESLVNDVSEEAWDDHSHVHRVSAIRFLEDEKDEEENQTRTLQRRATPHPGELKNMK
 KTVENLRNDMNAAKGLDSNKNEVNHATERVTTTSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

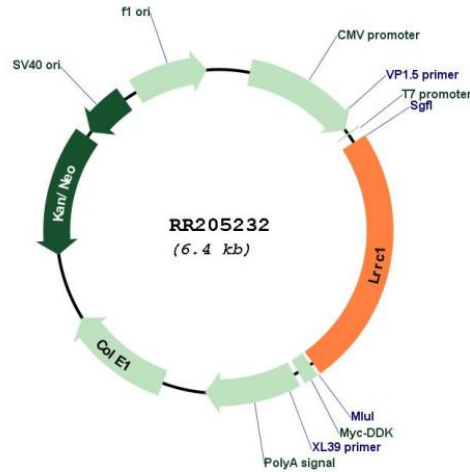
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001014268

ORF Size: 1572 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.

RefSeq: [NM_001014268.1](#), [NP_001014290.1](#)

RefSeq Size: 1935 bp

RefSeq ORF: 1575 bp

Locus ID: 367113

Cytogenetics: 8q24

MW: 59.4 kDa