

Product datasheet for MC201988

Lrg1 (NM_029796) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lrg1 (NM_029796) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lrg1
Synonyms: 1300008B03Rik; 2310031E04Rik; Lrg; Lrhg
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC030733 sequence for NM_029796
 GGTGGGGACTATATAAGCCACCTTCCTGGGGTCTTGAGGACAGACATAGAGGAGCAGCTATGGTCTCTT
 GGCAGCATCAAGGAAGCCTCCAGGATCTCAAGACCTGCCTTGCCAGAACCCTGTTTCTCCTGGCCCTCTT
 GGGCAGGGTGTCCAGCCTCAAGGAATGCCTGATACTGCAGTCGGCTGAGGGTAGCACCGTCTCCTGCCAT
 GGTCCACCGAGTTTCCGAGCTCCCTCCCTGCCGACACTGTCCATCTGTGCGGTGGAATTCTCCAACCTGA
 CGCAGCTGCCCGCCGCCCTGCAAGGGTGTCCGGTCTGCGGGAGCTGCACCTCTCGAGCAATCGCCT
 GCAGGGCTGTCTCCGAGTTGCTGGCGCCGTGCCCGGCTGCGCGCCCTGGATCTGACCCGCAATGCT
 CTCCGACGCTGCCCGCCGGTTGTTCCAGCACCTCGGCCAACCTGAGCACCTGGTCTGAGGGAGAACC
 AGCTGCGGGAGGTGAGCGCGCAATGGCTTCAGGGCCTGGACGCCCTGGGCCACTTGGACCTGGCGGAGAA
 CCAGCTGAGTTGCTGCCCTCCGGGCTCCTCGCCAGCCTCGGCGCCCTGCACACCCTCGACCTTGGGTAC
 AACCTGTGGAGTCGCTGCCCGAGGGACTCCTGCGGGGCCAAGGCGGCTGCAGCGCCTGCACCTGGAAG
 GGAACCGACTGCAGAGGCTGGAGGATAGCTGCTTGCGCCCAACCGTTCTGCGCGTCTGTTCTCCTGAA
 TGACAACCAAGTTGGTCGGGTGGCGACCGGCTCCTTCCAGGGCCTACAGCACCTGGATATGTTGGATCTG
 TCCAATAACTCTCTGTCCAGCACGCCCGGGCCTGTGGGCGTTCTGGGGAGGCCGACCCGCGACATGC
 AGGACGGCTTCGACATCTCCACAACCCCTGGATCTGTGACAAGAACCTGGCGGACCTTTGCCGCTGGCT
 GGTCCGAACCGAAACAAGATGTTCTCACAGAACGACACGCGCTGTGCGGGGCCGAGGCCATGAAGGT
 CAGCGGCTGTGGACGTGGCAGAGCTGGGTCCCTGTGAGGATGATGGCTGGGGTGTGGCAAGGGCAC
 CCCGCTCGCCACTGAGCCAATGTGGTCCCATGTGAGTGTGAGATTCTCATTCCCTCAGCCAGGAATGC
 TATTCTCGGACTCCCTCTGGGTCCCTCCACTCGCCACAACCTTCCACCTCTCACTTCTCCTGTGCC
 GGCCCCAGGCCACCTTGTGTTTATCTGGCTTTGACACGCTGTTTTCAGGGGTACCAAAGCAGTTAATA
 AAACGGCTCCTAGGCTGACTGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_029796
Insert Size: 1029 bp



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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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: [BC030733](#), [AAH30733](#)

RefSeq Size: 1372 bp

RefSeq ORF: 1029 bp

Locus ID: 76905

Cytogenetics: 17 D