

Product datasheet for **MC203410**

Lrrn2 (NM_010732) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrn2 (NM_010732) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrn2
Synonyms:	5730406J09Rik; NLRR-2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC056458
 CGCGCCGTGGAGCAGCGATCCCAGCCGGGAGGCGAGTGACGGACATAGGACAGCGCCCGCGGGTCCGC
 CAATGAGGAAATGAGTGGGCAGTCCCAGTCCCAGTCCCAGTCCAGTGCACAAAGATGAGGACCTACACCC
 AGGACAGCACAAGTGTGTCCACCCACCTGTGTAGAATGACTGCCCTGAGAGGGTGGTCCCCGGACC
 CTGGCAGGGTGTGTAACCTCCGCTGCAAGTCGTGAAGAGCAGGACTCTCCCCTGCCTCCACCTCCAC
 CATGAGGCTCCTCGTGGCTGCCCTCTTGTATCTTGGGTGGTGGTACCACCGCTGCAGCACCCGGTGGTA
 CCTGGCTGTGCCCTGCCCTCCTCAGTGTGCCAGATCCGGCCCTGGTACACACCCCGCTCGTCTCT
 ACCGTGAAGCCACCACTGTCGACTGCAATGACCTCTTCTGACGGCAGTGCCCCAAGGCTCCCTGCGGG
 GACACAGACCCTGCTCCTGCAGAGTAACAGCATCAGCCGGATAGACCAGACTGAGCTTGCCTACTTGGCC
 AACCTCACAGAGCTGGACCTGTCCAGAACAGCTTCTCAGATGCCCGAGACTGCGATTTCCAAGCCCTGC
 CTCAGTGTGAGCCTACATCTAGAAGAGAACCGGCTGAACCGGCTGGAGGATCACAGCTTCGCTGGGCT
 GACCAGCTGCAGGAGCTCTATCTAACCATAAACAGCTCTGCCGCATCTCCCCAGGGCCTTTCAGGG
 CTGGGTAACCTGTGAGACTGCACCTCAATTC AACCTGCTTAGGACCATCGACAGCCGCTGGTTCGAGA
 TGCTGCCCAACTTGAAATCCTCATGATTGGCGCAACAAGGTGGATGCCATCTTGACATGAACCTCCG
 GCCCTGGCCAACTGCGCAGCCTGGTGTGGCAGGCATGAGCTTGCGGGAGATCTCAGACTACGCTCTG
 GAGGGACTGCAAAGCCTGGAGAGTCTCTTTCTACGACAATCAGCTGGCCAGGTGCCAAGCGGGCAT
 TGGAGCAGGTGCCTGGGCTCAAGTTCCTAGACCTGAACAAAAACCACTGCAGCGGGTGGACCGGGAGA
 CTTTGCCAAATGCTGCACCTCAAGGAAGTGGACTAAACAACATGGAGGAACTGGTCTCCATCGACAAG
 TTTGCTCTGGTAAATCTCCCTGAGCTGACCAAGTTGGACATCACCAACAACCCACGGCTTTCTTTCATCC
 ATCCTCGCGCCTTTCACCACCTGCCAGATGGAGACTCTCATGCTCAACAACAATGCTCTCAGTGCCTT
 GCACCAGCAGACAGTGGAGTCTCTGCCAACCTACAGGAGTGGGGTCCACGGCAACCCATCCGCTGT
 GACTGTGTATCCGCTGGGCCAACGCCACGGGCACCCACGTCCGTTTCATCGAACACAGTCCACCCTGT
 GTGCTGAGCCTCCAGACCTTACGCGCCGCCAGTCCGGGAGGTGCCCTTCGGGAGATGACAGACCTAG
 CCTGCCCTCATCTCTCCCGAAGTTTCCCTCCAGTCTGCAGATAGCCAGTGGAGAGACGACTACTT
 CACTGTGGGCACTGGTGAACCAAGACTGAGATCTACTGGGTACCCAGCTGGAGTTCGACTGACAC
 CTGCTCGCTCAGGCAGGAGGTACCGAGTGTCCCTGAGGGTACCCTAGAGTTGCGGAGGGTACGCGCGGA
 AGAGGCAGGCCTATACACCTGTGTGCCCAAGACTTGGTAGGGGTGACACTAAAACCGTCAAGTGTGTG
 GTTGGCCACGCTCCCTCCAGCCAGGCAGGACAAAGGACCAGGACTGAAGCTCCATGTGCAGGAGACAC
 ACCCATATCACATCCTGTGTTTTGGGCACCCCAACCAATATAGTCTCCACCAACCTCACCTGGTCTAG
 CGCTCCTCCCTCCGGGACCATGAAGCTCCTGCTTTGGCCGACTGCCGCGGGGACCCACCGCTACAAC
 ATTACCCGCTCCTTCCGGCCACAGAGTACTGGGCTGCCTGCAAGTGGCCTTTGCTGATGCCACACCC
 AGTTGGCTTGTGTTTGGCCAGGACTAAAGAGGCTCTCCTTGCCACAGAGCCCTGGGGGACCGGCCGG
 GCTCATAGCCATCCTGGCTCTTGCGGTCTCCTGCTGGCAGCTGGGCTTGACGCCACCTCGGCAGAGGC
 CAGTCAAAGCAGGGGGTGGTGGGTGAGAAGCCTTCTTCCGGTCTGGGCTTTCTGGGGTGGAGCGCC
 CCTGTGTCGGGTAGTGTCTGCACCCCTTGTCTGCCCTGGAATCCAGGGAGGAAGCAGCCAGATGTCA
 GATGGGGAGAGGGTGCCACCACCATGTCTCAACATTGCTGAAGTTCGGCCAGGTCTCAGCAGTAGAGAA
 ATAAGTGGACAACCTCTACACTAAACGGGACGTGATCTGGGCCAGATGCCTGCCAGGAACGTGGCGTTGA
 TTGATCCACGTGCTTGGGCTGGCAGCTTGACCAAGAAAGATGGGGTTCGGCAGCTCCTGGGGATGCC
 TCACAGCCCCAAATGGTTGCTGTGCTTCTGGGGTCTCGGCTGTGATTCTGAGGAGAGTGTCCAAGG
 AACAGGAAGGACTCTGCCTAGAGCTCCTACCGCCCCAGAGGCTTCTGGGCTCAGCTTGGCTGTCCCT
 GCCTGTGTCCCTAGGCCCTTGGCCACAGGAAATGCCCTCCTCTTCTTTTGTACAGTCTCAGT
 TGCTTGTCTCCTCCCTCCTGGGCAAGGGCTGAAAGAGGCTTCTCCTACCTGTCTTGGGAGCCTGCCCA
 AAAGCAGGAGTGTCCCAGCTGGATCTGAAGGATATTTGGAGAGAGAGGTATCCAGGGATGCCTCATCTC
 ATAGCCTGGGCTCTGAAGTTGACTTTCTATAGGCAATTTGTATCTTTGTGGAGAAATGTGTACCTGTC
 CCCAACCAATTCACCTCTTTTTCTGTTTTAAAAAAAATAAAAATAAACGATGCCAATAAAAAAAAAA AAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_010732
Insert Size: 2193 bp

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: [BC056458](#), [AAH56458](#)

RefSeq Size: 3089 bp

RefSeq ORF: 2193 bp

Locus ID: 16980

Cytogenetics: 1 E4