

Product datasheet for **MC200298**

Lrrc59 (NM_133807) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc59 (NM_133807) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc59
Synonyms:	AA959742; C78668
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC006877 sequence for NM_133807
 GGAGTGC GCGGGCGAGCGGACGGGCGGCGGAGGCCTCGCAGCGGCGGGAGGCGACGGCGGCTTAAGG
 CGCAGGCGTGGTCCGTTGGGTGTGAGTCCGCCGAGCCACGAGCGGCCCTCATCCCTCTCTCTGCCCC
 TCGAAACCGGGAGCCAGGGACCCGCTTAGCCGGCGTCATCATGACCAAGGCCGGTAGCAAGGGCGGGAA
 CCTCCGCGACAAGCTGGACGGCAATGAGCTGGACCTGAGCCTCAGCGACCTGAATGAAGTCCCGTCAAG
 GAGCTGGCTGCACTTCCAAGGCTACGGTATTGGATCTGTCTGCAATAAACTGAGTACTTCCGTCGG
 ATTTCTGTGGCCACACACCTGGTAAAGCTGGACCTCAGCAAGAACAAGCTGCAGCAGTACCCGCAGA
 CTTTGGCCGCTGGTAAACCTTACGATTTGGATCTCTCAACAACAGGCTGGTACCCTGCCTGTGAGC
 TTTGCCAGCTCAAGAATCTGAAGTGGTGGATCTGAAGGACAATCCCCTGGACCCTGTCTGGCCAAGG
 TGGCAGGTGATTGCTTGGATGAGAAGCAATGTAAGCAGTGTGCAAACAAGGTGTTACAGCACATGAAGGC
 CGTGCAGGCGAGATCAGGAACGAGAGCGGACGCGCGGCTGGAAGTGGAGCGAGAGGCAGAGAAGAAGCGT
 GAGGCCAAGCAGCAAGCTAAGGAAGCGAAGGAGCGGAGCTGCGGAAGCGGGAGAAGGGGAGGAGAAGG
 AGCGCCGGCGGAAGGAGTATGACGCTCAGAAGGCGTCCAAGCGGGAGCAAGAGAAGAAGCCTAAGAAAGA
 GGCAAACCAGGCCCGAAATCGAAGTCTGGCTCTCGTCTCGAAGCCACCACCCGAAAACACACTCGC
 TCCTGGGCTGTGCTGAAGGTGTTGCTGTTGCTCCTGCTGCTGTGTAGCAGGAGGGCTGGTTGTATGCC
 GGGTGACAGGGCTGCACCAGCAGCCCTTGCACCAGCGTGAACACCATCTACGACAATGCGGTCCAGGG
 CCTGCGTCATCATGAGATCCTCCAGTGGTCTGCAAACCGACTCCCAGCAGTGAAGTCAACCTCAGCAC
 CCGCTGCCTCCAGCCTTGGAGCTTGGATTCTATGGAATTGGGTTCTGCTGGACACAACCTCTTTTATG
 CGTCAGACCTACCTGCCATCATCACATGGCTGCTGGTGGTACTTGAGATCTCCCTTTGTAGGACTTCTG
 TTCCATAGTCAGGGTTCCTGGTGAATGAGGAGAAATGGAGAGGGGGGAGGAAGAGTTACCTGCATGCC
 TAAAGGAGTAGGCTTAGGGTGGGAGAGAGAAGGCATAGGCTTTCTAGTTATACAAAGCTGTGTAAGG
 CAAGGTTCTTTCTACTAAATGGTCAGCTGTCACTACATTTATACTTTTGTATGTATAAACCTTTCTT
 TCATTCTCCCTGGTAACCAGGACAATCGGAGGCGAGTGTGTTACTGGGATTAGAGGACTAGCAATACT
 GGTAAACCCAGCCTAAGCTGGGAAGGTGACGTAATACGTTTCTTTAAAGATTCAGTCAGTCAAGCAGTTT
 AGCAATATCCAAAATGTCTGGCTGTTTGGTCCAGTGTACATGTTGAGGCAGGAGGTGCCGTCTCATCCA
 TGACTTGCCAGCAGTGTTCAGGCTAGTCTGAGGCACAACCAGGCTCTCATTCCAGTTTTCTCTCCCT
 TTATGTCATTCGACCTCTATATAATACCCAAGAGGATGAACTCACACCAGAGTTGTCTCAGCTAAAGCG
 AATCTTTTATAACAGTCTTACCACCCACAATAGATCTCATATCATCAGGGTCTGGGAAACTTAACTCC
 TGTGGAATTTTGCCTCAACTTTTAAATGGCTTCCACAAAATGGCAGCAGGCCGGGTTCTTGCCTCAGTT
 TTAGAGCATTAACTCCCGAATGGCTGGAAGCAGAGGGAAGTCTGCAAAGCCGACTGTGGCTGCTCCAC
 TAGCACTCGGTGTGATGAAATACCTCAAAGGCAACCTAGAACTTGACTTCATGGAAGCAGGTTTAGAGT
 TGATTCTGGACCTGTAACAGAAGGGAAGGAAGGAAGAGAACAGTGGGAGTCAAAGGGAAACAAAGTCA
 TGGTGGCGCTGCAGAGTGATACATAACTAAACATTAGCACAACCAGGGCAGAGCCGCCACCTCCCTGCT
 GCTACAAGAAAGCATTCTCCCTTTCCAGTCTTTCACAACAGCTGCATGAAGGGATCAGAAAACACTG
 TGTCTCGGTGCTTACTTGCTAAAACTCCCATTTGCAAGCTCCCTAGAGGAGCAAGGACCTGTGATAGTT
 CAGCAGTGTAGCCCTAGTGGCCATCTGGATAGTCTGCCATTCAAACCTGCTGACTGGAAGAAAAG
 GCCTTGGATTTTCTCCCCAGACAGTTCTGCCATGTAGGCCACACCTCCTCAGCATCACCTCCTCAGC
 ATCACTACAGCTCCTTTAGTCTTCTCCAAGCTCCACAGCCATTGGTACAAAGGCTTTATTGAGACAAA
 ATACATACTACATACATATGGTGACATCATGAAAACAGGAGTCAAGCTCATCATAGCTCCCTAGCTGGT
 GAGGCAGCTCAGTGGCTGGGCGTAGTCAAGCCAACCCGAGGCAAGAGTTCACTGACTTCGAGATTTG
 ATGCTATTTCTTGGATTCTACAATTATAAATCCATGTCTGAGTGGTCAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_133807
Insert Size: 924 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	<ol style="list-style-type: none">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:	<u>BC006877</u> , <u>AAH06877</u>
RefSeq Size:	2810 bp
RefSeq ORF:	924 bp
Locus ID:	98238
UniProt ID:	<u>Q922Q8</u>
Cytogenetics:	11 D
Gene Summary:	Required for nuclear import of FGF1, but not that of FGF2. Might regulate nuclear import of exogenous FGF1 by facilitating interaction with the nuclear import machinery and by transporting cytosolic FGF1 to, and possibly through, the nuclear pores (By similarity). [UniProtKB/Swiss-Prot Function]