

Product datasheet for **RN210473**

Lrrn1 (NM_001037363) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrn1 (NM_001037363) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrrn1
Synonyms:	MGC124972
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210473 representing NM_001037363
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGATTGAGCCCTGGGAAAGCAGCTTGCTGGATGGTGGTGGGTTTCTGATACCTTCATTAAGT
 AGTCTTCCATATTGAATAGTGAGTGCCCCAGCTTTGTGTTGTGAAATTCGTCCTTGGTTTACCCACA
 GTCACATACAGAGAAGCCACCCTGTTGATTGAATGACCTCCGCCAACAAGGATCCCTGGCAACCTC
 TCTAGTGACACACAAGTCTTCTTACAGAGCAATAACATCGCCAAGACCGTGGACGAGTTGCAGCAGC
 TTTTCACTTGACTGAGCTGGATTTCTCCAGAACAACCTTACAAACATCAAAGAGGTAGGGCTGGCAAA
 CTTGACCCAGCTCACCACCCTGCATCTAGAGGAAAATCAGATTTAGAGATGACGGATTACTGTCTTCAG
 GACCTCAGCAACCTTCAAGAACTCTACATCAACCATAACCAGATCAGTTCAATCTCTGCCAACGCCTTTT
 CAGGATTGAAAAATCTCTTAAGGCTGCACCTGAACTCCAATAAATGAAAGTGATCGATAGCCGCTGGTT
 TGATTCCACACCAACCTGGAAATCTCATGATTGGGGAAAACCCGGTGATTGGAATCTTGACATGAAC
 TTCAGACCACTCTCCAACCTGAGAAGCCTAGTTTTAGCAGGAATGTACCTCACTGATATTCTGGAAACG
 CCTTGGTAGGCTTGATAGCCTCGAGAGCTGTCTTTCTATGACAACAACTGATCAAAGTCCCTCAACT
 TGCCCTGCAGAAAGTTCCAAATTTGAAATCTTAGACCTCAATAAGAATCCCATTACAAAATCCAAGAA
 GGGGACTTTAAAAACATGCTTCGGTTGAAAGAAGTGAAGTCAACAACATGGGAGAGCTGGTCTCAGTGG
 ACCGCTATGCCCTGGATAACTTGCCAGAATTGACGAAGCTCGAAGCAACCAATAACCCCAAACTGTCATA
 CATCCACCGTTTACTTTCCGGAGTGTCCCGCTCTAGAAAGCTTAATGTTGAACAACAACGCCTTGAAT
 GCTGTGTACCAAAAAACAGTGAATCTCTTCCCAATCTGCGAGAGATCAGCATCCACAGCAATCCCCTGA
 GGTTGACTGTGCATCCACTGGATTAACCTCAACAAAACCAACATTGCTTTCATGGAGCCCTCTCCAT
 GTTCTGCCCATGCCACCTGAGTATAGAGGGCAGCAGGTAAGGAGGTATTAATCCAAGACTCAAGTGAG
 CAGTGTCTCCCAATGATATCACATGACACATTCACAAATCATTTAAACATGGACATTGGCACAACACTCT
 TCCTAGACTGTGGGCCATGGCTGAGCCAGAACCAGAAATTTACTGGGTCACTCCCATGGAAAATAAGAT
 AACTGTGGAAACCTTTTACAGATAAATACAAGCTGAGTAGTGAGGGCACCTTGGAGATAGCAAATATACAG
 ATTGAAGACTCAGGAAGGTACACATGTGTTGCCAGAAATGTCCAAGGAGCAGACTCGAGTGGCCACAA
 TCAAGGTTAATGGAACCTTCTAGATGGTGGCCAGGTGCTGAAAATATACGTCAAGCAGACAGAATCTCA
 TTCAATTTTATGATCCTGAAAAGTCAATCTAATGTCATGACATCAAACCTAAAAATGGTCAATCCGCCACT
 ATGAAGATCGACAACCTCATATAACATACACAGCCAGGTGCCAGTAGATGTTACAGAGTATAACCTAA
 CACATCTGCAGCCTTCTACTGACTATGAAGTGTGTCTCACGGTGTCCAACATCCACCAGCAGACTCAAAA
 GTCATGCGTCAATGTCACAACAAAACCGCTGCCTTCGCCCTGGACATCTCAGATCACGAAACCAGCACA
 GCCCTTGTGTCAGTGTGGGGTCCATGTTTGCAGTCTAGCTAGCTAGCTCCATTGCTATTTACATTGCAA
 AAAGGTTAAGAGGAAAAATTACCACCATTCCCTTAAAAAGTATATGCAAAAAACCTCATCCATCCCCT
 GAATGAGCTGTACCCCACTCATTAACTCTGGGAAGGTGACAGTGACAAGGACAAGATGGCTCAGCT
 GACACCAAGCCAACCCAGGTGGACACATCCAGAAGCTATTACATGTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001037363

Insert Size: 2151 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>NM_001037363.1, NP_001032440.1</u>
RefSeq Size:	3085 bp
RefSeq ORF:	2151 bp
Locus ID:	500280
UniProt ID:	<u>Q32Q07</u>
Cytogenetics:	4q41