

Product datasheet for **RN217165**

Lrrn2 (NM_001177368) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrn2 (NM_001177368) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrrn2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217165 representing NM_001177368
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCGGCTCCTCGTGGCTGCCCTCTTGCTATCTTGGGCGGCCAGTACCAACACGGCAGTACCAGTAGTAC
 CCTGGCGTGTGCCCTGCCCCCTCAGTGTGCCTGCCAGATCCGGCCCTGGTACACTCCCCGCTCATCTTA
 CCGTGAAGCCACCACTGTAGACTGCAATGACCTCTTCTGACAGCAGTGCSCCCAGGGCTCCCTGCGGGG
 ACACAGACCCTGCTACTGCAGAGTAACAGCATCAGCCGGATAGAGCAGACTGAGCTTGGCTACTTGGCCA
 ACCTCACAGAGCTGGACCTGTCCAGAACAGCTTCTCAGATGCCCGAGACTGTGATTTCCAAGCCCTGCC
 TCAGCTGCTGAGCCTACATCTAGAAGAGAACCAGCTGAGCCGGCTGGAGGATCACAGCTTGGCCGGGCTG
 ACCAGACTGCAGGAGCTCTATCTTAACCATAACCAGCTATGCCGCATCTCCCGAGGGCCTTCGAAGGGC
 TCGGCAACCTGTGCGACTGCATCTCAATTCCAACCTGCTTAGGACCATCGACAGCCGCTGGTTCGAGAT
 GCTGCCAACTTGAAATCCTCATGATTGGTGGCAACAAGGTGGATGCCATCTTGGACATGAACTCCGG
 CCCTGGCCAACCTGCGCAGCCTGGTGTGGCAGGTATGAGCTTGCSCGGAGATCTCCGACTATGCTCTGG
 AGGGACTGCAAAGCCTGAAAGCCTCTCTTTCTATGACAATCAGCTGGCCAGGTGCCAAAGCGAGCATT
 GGAGCAGGTGCCTGGGCTCAAGTTCCTAGACCTGAACAAGAACCATTGCAGCGGGTAGGCCCCGGAGAC
 TTCGCCAATAGCTGCACCTCAAGGAAGTAGGACTGAACAACATGGAGGAGCTGGTCTCCATCGACAAGT
 TCGCTCTGGTAAATCTCCCTGAGCTGACCAAGCTGGACATACCAATAACCCACGGCTTTCTTTCATCCA
 TCCCCGCGCCTTACCACCTGCCCCAGATGGAGACTCTCATGCTCAACAACAACGCTCTCAGTGCCTTG
 CACCAGCAGACAGTGGAGTCTCTGCCAACCTACAGGAGGTGGGGCTCCACGGCAACCCCATCCGTTGTG
 ACTGTGTCATCCGCTGGGCAATGCCACAGGCACCCACGTCGTTTCATCGAACCACAGTCTACCCTGTG
 TGCTGAGCCTCCAGACCTCCAGCCGCCAGTCCGGGAGGTGCCCTTCCGAGAGATGACAGACCACTGC
 CTGCCTCTCATCTCTCCCGAAGCTTCCCTCCAGCCTGCAGGTAGCCAGTGGAGAGAGCTTGGTACTTC
 ACTGTCCGGCACTGGCTGAACCAGAGCCTGAGATCTACTGGTCACTCCAGCTGGAGTTCGACTGACACC
 TGCTCGCTCAGGCAGGAAGTACCGGGTGTTCCTGAGGGGACCCTAGAGTTGCGGAGGGTACAGCAGAA
 GAGGCGGGTCTATACACCTGTGTGGCCAGAACCTGGTAGGGCTGACACTAAGACAGTCAAGTGTGTGG
 TTGGCCATGCTCCCTCCAGCCAGGCAGGGACAAAGGACCAGGCCTGGAGCTCCACGTGCAGGAGACACA
 CCCATATCACATCTGTGTTTTGGGCGCCCCACCCAATATAGTCTCCACCAACCTCACCTGGTCTAGC
 GCCGCTCCCTCCGGGACCATGAACTACTGCTTTGGCTCGACTGCCCGGGGCACCCACCGCTACAACA
 TTACCCGCTCCTCCGGCCACAGAGTACTGGGCTGCCTGCAAGTGGCCTTTGCTGATGCCACACCCA
 GTTGGCTTGTGTTTGGGCCAGGACTAAAGAGGCCTCTCCTTGCCACAGAGCCCTGGGGGACCGGCCGGG
 CTCATAGCCATCCTGGCTTTGCCGTCCTCTGCTGGCAGCTGGGCTTGCAGCCACCTTGGCAGAGGCC
 AGTCCAAGCAGAGGGTGGGTGAGAAGCCTCTCCTTCCGGTCTGGGCTTTCTGGGGCTGGAGCGCCCCCTC
 TGTCCGAGTAGTGTGCACCCATTGTCTGCCCTGGAATCCAGGGAGGAAGCAGCCAGATGTCAGATG
 GGGAAACAGTGCCACCACATTGTCTCAACATTGCTGAAGCTCCGCCAGGTCTCAGCAGTAGAGAAATAA
 CTAGGACAACCTACACCAAACGGGACGTGATCTGGGCCAGATGCCTGCTAGGAACGCGGCATTGATTGA
 TCCACATGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001177368

Insert Size: 2253 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001177368.1</u> , <u>NP_001170839.1</u>
RefSeq Size:	3281 bp
RefSeq ORF:	2253 bp
Locus ID:	289020
Cytogenetics:	13q13