

Product datasheet for **MC221206**

Lrrn4 (NM_177303) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrn4 (NM_177303) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrn4
Synonyms:	B430119L13Rik; Nlrr4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221206 representing NM_177303
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGGTGGACGCTGATGCTGCAGCTGCTGCAGCTCCTGTACAACCTGCTGATGGCGCAGAGCCAGAGCC
 TGGAAAGGATCTCCAGGACCGGATCCCCCTCTCCGACTCACTCAGCAGGGAGACTGGGACAGCCTCGA
 CCGCCACCCTACCGACTCTCTGTGTAGGACTCCCCGCCGCGGGAGTCACTACTCTGAACCTGGCGAAC
 CGCAGCCTGGAGAGCCTGCCTAGCTGCCTGCCGCGCAGCTGCGCAGCCTCGATGGCAGCCACAACCTGC
 TGCGCGCCCTTAGCGAGCCTGTGCTCGGCCGCTGCCGAGCTGCGCGTACTCACGCTGCACCACAACCG
 CATCTCCGTGCTACACTGGGGCCGTGACACGCTGGCCGAGCTGCGTGAGCTCGACCTCAGTCACAACCTG
 CTGACCGAGCTGCCGCCCTGCCGGGGCCCTCGGGGAGCAGCCTGCGCTCGTGGCGCTGGCCGGGAACC
 CACTGCGAGCGCTGCTGCCACGGACCTTGCATGCTTCCAGCGCTGCGGCTTCTCAACCTCTCCTGCAG
 CGAGCTGGGCCACATCGCCAGGAGGCATTCCGGGGGTGGACGGTGGGCCCTGGCGGCACTGGAGCTC
 TTGGATCTGAGCGGCACGAGCCTAGAAAGAGTTGAGTCTGGGTGGATCAGAAACCTGCCAAAGCTCAAGT
 CCCTCTTCTGAGAAAGATGCCAGGCTGAAGACTGGAGGGAGACATTTCAAGATGACTCCCAACCT
 GCGGCAGCTGGATTGTGGAGACTCTCCAGCACTTACTTCTGTTACACAGAGATCTTTCAAGACACACC
 AATCTACAAGTCCTTCAGTTTCAGAAGTCAACTTGAGTTCCTTTGGTCTTGAATTCCTCCAGGTCT
 TGTCCGTGAGTCTCTTTGGCAACCTCTCATTTGCAGCTGTGAGCTGGCTGGCTTCTCGTGGATGTCAA
 CAAAATGTTTACACAGGGCAGCTGATACCATGTGTGAGCCTGCTTTAGGATCCACGGGCCCTTCTCA
 GGCCCTCTCCCTCTCCACCTGTCTAATGTGTGCAGGTGAGACCAAGCACCACCTCTGCCTTCAA
 ACCCAGGCCGCTTCGATCATTGAGTTTTCACCCAGGATACAGGGCCCTTCCATTGAACAGAGCAGCCG
 CTGTCTGCTCAGCCTGGAGGAAGCCAAACAAAATATACCAAGGTCCCTTCCCTCACCATGACTTCCCCC
 ACACAAGGATCATGGATGTATAAAGATGCTTCAGAGGAACTGCCAGTCCACTAACTCTGAGTAGTTT
 ATAGTCTTCCAGGGCTCTGCCTGGTGTGCCAGTTCTGGGGCAGAGCAGACTGCCACACATATCCTTGA
 GCCTAATATTTTCACTGCCTCTACCCATTAGTCAGCAAGTACCTTGAACCCTTGCTACTTACCAAAC
 CCCAGGAGCTTACCTCAGACCAAGCAGAGGACACAAGCCACGCCAGGCCAGGGCTCTCCACACAGACCCTCCAC
 AGGATGAGATTCCAGTTTGTGTTAGATGATGACAGCGAGGAGGAGACTCGGGACCAGGTGGCGGC
 ACCTCCCAGGAGCTCTTGTGAATACCACCCTGCAAGCATCTGCAGACCCCGTGCAGAGCTGCAG
 AGGCGCTTCAGATGCCGTTGCCCTGGTCTCAGTGGGAGGATACCACTCCAGACCCTCCCAGCTGCAGG
 GGGTGTACAGAGGTGACTGACACATCAGTCTCGTCCACTGGTGTGCCCAACTCAGTGGTGTCTGGTA
 TCAGATCCACTATGTGGCAGAAGGACGATCTGGGAATCAATCCGTAGTGGACATCTATGCTACTGCCAGG
 CAGCACCCCTGTACAAGCTGACACCTGGCACCACCTACCATGTGTGTACTGGCAGCCAAAGGGCTG
 GCCTGAGCCAGTCACAGACCTCAGGCTGGAGGAGTCAATGCCACTTTCACAACCAAGCCAGCTCTGT
 GGTCACTTCTGGGGACTGTGTACCGCCAGTGGCTGTTACTGGTTAGCACCCCTGGTGTCTGTGTGT
 CTCTGGAGGCAGCGCTGGAAGCCACACAGGCAAGTCTACGACACACACCTGGTGGCTTCAAAAACCCAG
 CCAGAGCTGAGGAAGTAACTCAGTGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_177303

Insert Size: 2202 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_177303.4</u> , <u>NP_796277.2</u>
RefSeq Size:	3475 bp
RefSeq ORF:	2202 bp
Locus ID:	320974
UniProt ID:	<u>P59383</u>
Cytogenetics:	2 F2
Gene Summary:	May play an important role in hippocampus-dependent long-lasting memory. [UniProtKB/Swiss-Prot Function]