

Product datasheet for MR218278

Lrrn4cl (NM_001013019) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrn4cl (NM_001013019) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrrn4cl
Synonyms:	1110067112Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR218278 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGGGCTCTTTCCCTTCTGTGGCTGGCAGCCATGACCACCTCCTTGGTTTCCCAACCTCAGATCT
TGACCCTGGAAGACTACCAGGAAGGGGAAGAGGATGATGTGACAGTAGCTACACCTTCCTTAGCTGTCCG
TTGCGACTATGACCGTTGCCGCCACCTGCAGGTGTCTGCCAGGAGCTGCAGAAGTTGGCCAGTAGCC
TGCCTGTGCCAGGGCTCTCCAGGAAGATCAACAGCCAGAGCCTCCTCGCTGGGAGAAGTGCAAATAA
TGGCTGAAGAAGGCTACGCAGTGGTTCAGTGGTGTCTCCCTTCTCCAGTCAGCCACTACTGGCTTCT
GCTTTGGGAAAGCAACGGGGCTCCACAGAAGAGTGCCCTCTCAATGCTACAGTTGGAAGAGCAGAGCTG
AAGGGACTAAAGCCTGGGGTTGCTTATGTCCTTTGCGTGGTGGCTGCTAATGACGCAGGTGAGAGCAATG
TTCTGGGGCAGAAGTCGAGGGTCTGAGAAGTGGACTGGCCCTTCTTTGGGCCCTGTCGCAAGTTTAT
CATGCCGCTAAGCCTGTTACCTGGTCTATGCAGCCGTGGGAGTGGGCACAGCCTTAGCTCTGCTGAGC
TGTGCAGCCCTGGTTTGGCATTCTGCCTTCGTGAGCGATGGGGTTGCCCCGACGTCAAGGTATGGCCC
AAGCGTCAGAAGCTCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR218278 protein sequence
Red=Cloning site Green=Tags(s)

MLGSL SLLWLAAMTTSLVSQPQILTLEDYQEGEEDDVTVATPSLAVRCDYDRCRHLQVSCQELQKVG PVA
 CLCPGLSREDQQPEPPRLGEVQIMAE EGYAVVHWCAPFSPVSHYWLLLWESNGAPQKSAPLNATVRR AEL
 KGLKPGVAYVLCVVAANDAGESNVP GAIEVEGPNWTGPSFGPCRKFIMPPKPVTLVYAAVGVGTALALLS
 CAALVWHFCLRERWGCPRRQGM AQA SEAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001013019

ORF Size: 720 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001013019.3](#)

RefSeq Size: 2583 bp

RefSeq ORF: 720 bp

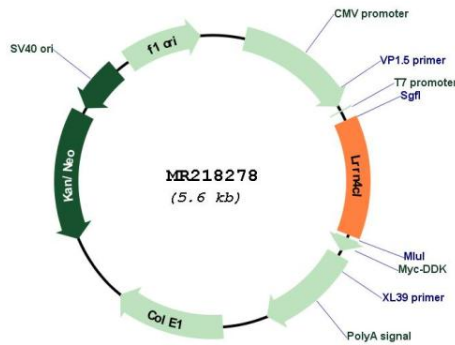
Locus ID: 68852

UniProt ID: [Q3TYX2](#)

Cytogenetics: 19 A

MW: 25.9 kDa

Product images:



Circular map for MR218278