

Product datasheet for **MC228372**

Lrriq4 (NM_001290510) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrriq4 (NM_001290510) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrriq4
Synonyms:	4930558O21 Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228372 representing NM_001290510
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCTATCCCAGTGCCAAGCTGCAGATGCACAGATTTGACATAATTGACACCTTCAAACCCCTGACCA
 AGGAACTACTGAGACAAGAACATTTACCCAAGGTTCTTCAGAAAAAGAACCCACCAGCTCACTGATAG
 AACATTTTTTCATTGATGTTCCAACCAGGGTTGAAGACCATCCCGTCAGAGATTTTGGCATTAAAAGAA
 TTAGAAGAAGTGCATCTGGAGAATAACCAGATTGCAGAAATCCCCAGGGCATTACAGAGTTACAGAACA
 CCAAGGTTCTCTACCTGCATAACAACAGCCTGCAAGATCTGTGCCCGAGCTGGGGGCGCTGAGCAGCCT
 GGAGTCGCTGGACCTGAGCGCAACCCGCTGGTCATCTCCTCGCTGCACGTCGTGAGCCGCTCCGCACC
 CTTGCGGAGCTGCGGCTCTACCGACTGGCCTGACCGAGATCCACCGGCATTTGCAAATCCCTGCATC
 ACCTGGAGCTGTTCCGGTCTGTGAGAGAATTCCTGGAATCGCTGCCCGAGGAAATCGTGAACCAAACCAA
 GCTCAGGGAGATCTACCTGAAGCAGAATCACTTCGAGGTTTTCCCTTGGACCTCTGTGCTCTACAAC
 CTGGAGGTGATCGACCTGGACGAAAACAAGCTGAAGAGCATCCCGGAGATATCGGGCACCTGGTGAGGC
 TGCAGAAGTTCTACGTGGCGTCTAACCACCTGATGAGTTTACCGAGTCTCTGAGTCAGTGCAGCAAGCT
 GTCAGTGTGGATTTGACCCACAACCTCTATCCACTCCCTGCCGTCCTCCCTGGAGCTTCTCACCGAGCTC
 ACGGAGGTAGGGCTGAGCGGGAACCGGCTGGAGAAGGTGCCGCGCCTCCTCTGCAGCTGGGTGTCGCTGC
 ATCTGTGTACCTGCGCAACACCAGCCTGCACGGGCTGCGGGACTCCTTCAAGCGCCTGATCAACCTGCG
 CTTCTGGACCTCAGTCAGAACCACATAGAACAATTTCCCGTGCAGATTTGCGCGCTCAAGAACCTGGAG
 ATCCTGGCGCTAGATGATAACAAAGTGAGGCATTACCACCGAGCATAAGCTTGCCTTCAAACCTGAAGA
 TACTCGGGCTCACAGAAATGACCTTTTGTCTTCCAGAGGAAATCTTTCTTAATATCTCTGGAGAA
 ATTATATATTGGACAAGACCAGGGTCCAAGCTTTCATCTTTGCCAGAAAACATCAAGAGATTGATGAAT
 CTTAAGGAACTATACATAGAGAACAACCGACTGGAACAGCTGCCAGCATCCTTGGGGTAAATGCCAATC
 TGAAGTTCTTGACTGTCGGCATAATCTTCTTAAGCAACTCCCAGATGCCATTTGCCGTAICTGAAATTT
 GAGAGAGCTGCTGCTGGAAGACAACCTTACTCTGCTGCCTCCCAGAGAACCTTGATCACCTGGTAAATCTT
 AAGGTCTAACACTGATGAACAACCCCATGGTCGACCCTCCCATATATGTGTGTAACCAAGGCAATGAAG
 CCATATGGAACACCTGAAGGAGAACAGAATTAGGAAAATGATGGCCACCACGATTCAGGCATGGTGGCG
 TGAATCATGGTCCGAAAGGATATGGATCTTATGAAGAGCTACTAAAAGCCGAAAAAAGGAAAAATCC
 CCTCAAAGGACAAGAAAGGGAAAAAGGCTGCAAAGGGGAAGCCTGAAAAAGGGAATAAAAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001290510
- Insert Size:** 1746 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:

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_001290510.1](#), [NP_001277439.1](#)

RefSeq Size: 2224 bp

RefSeq ORF: 1746 bp

Locus ID: 68307

UniProt ID: [A6H6A4](#)

Cytogenetics: 3 A3