

Product datasheet for **RN210819**

Lrriq3 (NM_001024307) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrriq3 (NM_001024307) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrriq3
Synonyms:	Lrrc44
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210819 representing NM_001024307
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTCATGGAACAATCACAAGGAGCTTACCAGCCATGAGGAGTGGAGTCATTATAATGAAAATATAG
 TAGAAGATCAGAAAGACTTTGTTTTGTGAAGTATAATGGCCTTACCTGAAGTCCATGGAGAACCTGCA
 GTCCTGCATCTCTGAGGGTCTGCATCTTCTCTAACAACCTTTGCACTGACATTCAGCCACTGCAGGGC
 TGCAAAAAGCTCATCAAACCTTGATCTCCATGGAACCAGATAAAGACTCTTCCAGATAGGACATTTTGGA
 ATGGACTCAAGAACCTCAAACCTCTATCTGCATGACAATGGGTTTGCCAACTGAAGAACATCTGTGT
 ATTGTCTGGTTGTGTAACCTCGTAGGCCTGACCATGTTTGACTGCCAGTGAGCCTGAAGAAAGGCTAC
 AGGCATGTTCTTGTCATAGTATCTGGCCTCTAAAAGCTCTGGACCACCACGTGATATCCGATGAAGAAA
 TCATTCAAGACTGGCATCTTCCAGAGAGATTTAAAACGTTCAAGCAAAGTCTATTCTTTAACATTTGCC
 AGCACCAGATAAAGGGCACAACCTATGAAGATGAAATAAAAAATATCAAGCATATAATTTCAAGGATCAAT
 GAAATCCTGGCTCATAACTCACCGGTATTGATCATCCAGAGGTGGATCCGTGGTTTCATAGTTAGGAAAC
 ACTTAAGCCCCTATTTTACACGTAAGGATCACGACAGAATGATTAGGTAAGTGAACAAAAATTGAT
 CTGCATAGGTAGAAATAACGAAGACAAATTCTTGAGGATATCTTCTTATCAAGCCTGAATCTAATATA
 AAAGGGAAGGTCGACACTGGAAACAAATGAGATATTCTCTGATGACTTTAAATATTCTACTGAGTACA
 GAAAACACATTTCTGTCTTTCATATGAGTTGAAAACAAAAGATATTGCTGGAAATTCAAAAACCAAG
 ACATCACATTGAGAAAGGTCAGAACGAGATGAAATCTGATTCTGAGGATGAGGAAGTGGACCAAGTTT
 AGGATATCTGCGATGAAGATCCCTCTATGTCTTCCAGATCACTCAAGTACCGGGCAATGCTGAAGGAGA
 TAAAATGGGACTACTTCCCGAGTATCTCCAGCCACTCCCTGCCACTCGTCAAAAGCCACAAGTTAAAAG
 AGAGACTCATGAGGAGCTGAAGGAAAGGAGAAATTTTCTAGCCTCACAGAGGGCTGGCATGGATCTCCAC
 TTGTTCAATGATATTGATAAATATTACTCAGAGCAAAGGCAGCAAGAGGAAGAAGCAAGAAAATTTGCAG
 CCACAGCTGCAGCACAAGTTGCCAGGAAAGAGCTAGGCTCAACACTAGTGAAAATTTAAGGAAGAAGAT
 TTCTATGGCAAGAAAATAATGCAAAAGGATAATGAGACAATCCAGAAAGGCTTACGGCAGATCTGGAAG
 GAGAGACTCAACTACCTGGAAAAGGTTAGAGAGCGGAAATCCATGTTTCTAGCTGAAAAAACTGAATG
 CTGCAGACCAGTCTTTAGTTCTTTCCCTCAACAATGAGAGGTCCATTCTGCTCAGAGGAATCATTCAAGT
 TGACAAACTGAAGCGAGACTTGTCTGAAATGAAAGCAAAGCACTTCGATGTTATTGAGAAACGGGAAAA
 CGAAAATACAAGCAGAATTTGTTGACGGAATGAAGAAGCTAAGGCGGAGGAAATCCATAAAGGCACT
 GTGAAGAGAGATTTGTCATTGATACGCTCATCTTTCAAAAAGGCTGTGAAGACTTGAGGAGGCGAAAGC
 AAAAGTTGAATTTATTAACACATATTACAGTCCAATCTCACAAAAATATCATAATAAAACAATGCTC
 AATCACATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001024307

Insert Size: 1902 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:

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_001024307.1](#), [NP_001019478.1](#)

RefSeq Size: 2417 bp

RefSeq ORF: 1902 bp

Locus ID: 499732

UniProt ID: [Q6AYL8](#)

Cytogenetics: 2q45