

Product datasheet for **RN217097**

Lrrc43 (NM_001170396) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc43 (NM_001170396) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc43
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217097 representing NM_001170396
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGACCAGAGGGTCCAGCGCTAGCGACGAAAGGCATCTCGGGCCGAGGACGTACCAGGGACCTTGA
GCACGGCTGTGCGTGAACACCTGCGGAAGCTGTGTCTGCGGAATTCCTGCTGGCGTGGAAAGCTGGAA
TAAATCACGCTTTCTTCCTCGACAATATCGAACCTGGAGGGAATTGATCCCAAGGAGGAGAGACAGTG
GGTCCCGAGGAGGAGACCGTGGAGGCCCTGCTGGGCTGGTCCGCAGCAGCCACTCTCCATGGGCTATGC
TGAAGGATTCCAGCGCAGAGGACCGTTTCTGAGAGAAGTGGCCATCCAGAATCCACTGACGATCAAGA
CACTTTCTTACTCTACTTCCGGTGCCTGCGGGTGGTGGACAAGGGGGTGGTCTGGTGGATAAAGAA
ATCTTGAAATTTCTAAGCTCGAGGAGTTGGTCTGAGTGCCAATAAAATCAAGGACATCGATGCCAACA
ATCTGCCCCAACACTGAAGGTGCTGGAGCTGTACGGCAATTTGATCGCCAGCATGGAGTGTCTGTGCTC
ACCCCCACCCCAAACCTGCAGCACCTGGGGCTAGGCCACAACAAGTTGCTGGGCCCTTTGGAAAGTCTG
TATGTCACCTCCAACAACCTGGCCTCTTCTCGTCTCCCTGGACCTGGGCTTCAATGACTTGACAGACCTGC
AGAGCATGATACTGGGTCTCAGTACCTAAAGTGCCTGAGACTCCTGTGCTGCAGGGGAACCCACTGGC
TCTGGTGCCTTACTACCGTGGCTTTACCGTGGACAGCCTGGCGCGCCTCTGTGTGCTGGACGACATCACT
GTGTCTCCAGCGAGAAGCACCAGTTCGGGGACTCAACAGTCATGGCGACCTGTTGGCAGCTGAGGCC
AGTTTGTGGTGACCATTGGAATGTGAGGGGGTGGAGAGCTCTATCTTGGACCCAGAGCCAGGACC
CGATGGCCCTTTCATCAGCTACAGCTATTACGTGACCTATGACTTTGTGGAAGATGAGGAGAAGGAAGG
ATTACAAGTGGGATGGAGGAGTTACACCCTGACAGCGTCTGGATGAGATCGACAAGCCTTCTCAGTGTCCAGAG
TGGACGAGGAGGAGGAGGAGGAGGAAGAGGAGGAAGACCACAGGAGGTTCTCAGTGTCCAGAG
CCAAGCCACCACCGCCCGTCCGCCAGGGTGGCCGGCACAGGTTTCGTCAGAGTCTCCTGAGGTGATG
TCCAGGGAGCTGTCTGAGTATATAGTTAAGGAGATGAATCAGATGGCCGAGGACTCCGGAGAATCTGGGA
TCACAGAAGTAGATGAGTCAGAGACAAGCATTTCCATCCACTCGGCCCCCTGCCACAGTCCATTGACTC
TTCGAGGAGCTGGCGAAGCTGCGGCCACGGCTAGACGTTCCGGCTCTGTCCATCCCAGGGACAGTGCTC
TTCAGCACCATGCACAAGCCTGGGAGATGTCATCCCTTGACCTATGAGATGAAGCACACCCTAAAGG
AGCTGATAAGGGTCAAGGCCTTCTGCTGTCTGGGACACTGTGAGCATCGTAGAGGAGAAAATCATCTC
CTGGCCTGTGGTACCAACTCCTGTTGAGAGTCCCTTGCCTGCCAAGAAGGGGAAAGGCGACAAGAAAAAG
AAAGAGGAGCCTGCTAAGGACAAAGGCCGAGGAAGAAAAGGAGCCACCCAGAGAGCTGCGCCAGGATC
CACCTGTGCTGAGGGTGTGGGCAGCGGACAGGTACCTGGAGCCCTGCTGGCAGGGGAGCCAGTGGT
GTCCACTGTGTGAATTTGGGGTGGCCCGCACCTGGAGACTGACAGGCTCACATATGCCAGGGATTCA
AAGAAGGTAAGAAAGGCTCAAAAAAGATAAGTCAAAAGCGCGGCTCCAACCGTAGAAAGCGGGTACC
AGCCAGAGCCCCTGTCGGTGGAGGTCCAGATCCAGTTGCACCAAGTACCGCTCGGTGGAGGAAGCGTTCT
TAGCTTGATTGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001170396

Insert Size: 2046 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_001170396.2, NP_001163867.1</u>
RefSeq Size:	2097 bp
RefSeq ORF:	2046 bp
Locus ID:	288751
Cytogenetics:	12q16