

## Product datasheet for **MR220088**

### **Lrrc43 (NM\_001033461) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Lrrc43 (NM_001033461) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrrc43
Synonyms:	Gm1061
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR220088 representing NM\_001033461  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGACCAGCGAGTCCAGCACTAGCGACTACAGACAGACCAGGGCGAGGGCGAGGGTGTACCGGGG  
 CCTTGAGCACGGCTGTGTGTGAGCACCTGCGGAAGTTGTGTCTGCGCGAATTCCTGTGGCATCGGGAG  
 CTGGAATAAGTCACGCTTCTTCTCCTCAAAAATGTCGAGTCTGGAGGGAATTGGTACCCAAGGAGGAGGAG  
 ACACTGGTCCCGAGGAGGAGACTGTGGAGGCCCTGCTGGCCTGGTGCAGCAACCACTCTCCTTGGG  
 CTATGCTGAAGGATGCCAGCGCGGAGGACCGTTTCTGAGGGAGCTGGCCATCCAGAATCCACTGATGAT  
 CAAAGACACTTTCTTCTACTCCTACTTCCGGTCCCTGCGGGTGGTGAACAAGGGGGTGGTCTGGTGGAT  
 AAAGACCTCTTGAATTTCTAAAGCTGGAGGAGTTGGTCTGAGTGCCAATAAAATTGAGGAAATCGATG  
 CCAACAATCTGCCCCGACATTGAAGGTGCTGGAGCTCTATGGCAATTTGATCGCCAGCATGGAGTGTCT  
 GTGCTCAGCCCCGCCCAAGGCTGCAGCACCTGGGGCTAGGCCACAACAATTGCTGGGCCCTTTGGAG  
 AGTCTGTATGTCACCTCCCACTGGCCCAACTCGTCTCCCTGGACCTGGGCTTCAACAACCTGACGG  
 ACCTGCAGAACATGATCTTGGGACTCAGTACCCTGAGGCACCTGAGGCTCCTAGTACTGCAGGGGAACCC  
 ACTATCTCTGGTGCCTTACTACCGTGGCTTTACCATAGACAGCCTGGCACATCTTTGTGTCTGGACGAC  
 ATCACCGTGTCTCCCAATGAGAAGCACCAGTTCGGGGACTCAACATTCACGGTGACCTTTTGGCACGTG  
 AGGCCAGTTTGTGGTGACGATTGGAATGTGAGAGGGTTCTGGACAGCTCTATCTTGGACCCGGAGCC  
 GGGACCTGACGGCCCTTTCATTAGCTACAGCTATTATGTACCTATGACTTTGTGGAAGATGAGGACATG  
 GAAAGAAATGTTAGTGGCTAGTAGAGGCAACACATCATGACAGCGTTCTGGATGAGATCGACAAGCATT  
 TCTCTGGCACCGATGAGGAGACCAACAGGAGGATCCCTTAGACGGCCGCCACCGCCACAGAGGCCGTC  
 GAGGTTTTCAACCAGGCTCGACGGAGGAGATGTCCAAGGAGCTGTCTGAGTTCATAGCGAAGGAGATGAGT  
 CAGATGGCAGAAGGCTCGGTTGAATCTGGGATAACAGAGGTGACTGGTGGAGACGAGCATTTCATCC  
 ACTCTGCGCCCTGCCACAGTCAATCGACTCTTCTGAAGAGCTGGCCAAGCTGCGGCCAAAGATAGACAT  
 CCAGCTCTGTCCATCCCCAGGGACAGTCTCTTCAACACGGTGCACAAGCCCTGGTCCAGATGTTATTCCC  
 TGCACCTATGAGATGAAGCACACCCTCAAGGAGCTGATCCGGTCAAGGCCTTCTGCTGGCTGGGACTA  
 CTGTGAGCATCGTAGAGGAGAAAATCCTCTCCTGGCCTGTGTACCCACTCCCGTTGAGAGTCCCTTGCC  
 TGCCAAGAAGGGAAAGACAACAATAAAAAGAAAGAGCCTGCTAAGGATAAGGTCCACAAGAAGAAAAAG  
 GAGCCGCCAGGGAGCTGCGGCAGGACCCCTGTGCTGACGGTGTGGCAGCGGGCTGGTGTACCTGG  
 AGCCCTTGTGCGCGGGAGGCAGTGGTATCCACTGTGTGTAATTCGGGGTGGTCCGAACCTGGAGAC  
 AGACAGGCTCACACATGCCAGGGATTCAAAGAAGTAAAGAAATCTCTCAAGAAAGATAGGTGAAAACG  
 GTGCTCCAACCATGAAAGCGGGTACCAGCCAGAGCCACTGTGCGTGGAGGTCCAGATCCAGCTGCACC  
 AGTACCGCTCGGTGGAGGAAGCATTCTTAGCTTGATTGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR220088 representing NM\_001033461  
 Red=Cloning site Green=Tags(s)

METSESSDYSRQTEGEGEGVPGTLSTAVCEHLRKLCLREFPCGIGSWNKSRLFQPKCRVWRELVPKEEE  
 TLPVEETVEALLGLVRSNHSPWAMLKDASAEDRFLRELAIQNPLMIKDTFFYSYFRSLRVVNGVSLVD  
 KDLLKFLKLEELVLSANKIEEIDANNLPPTLKVLELYGNLIASMECLCSAPPPRLQHLGLGHNKLLGPLE  
 SLVYVTSNWPQLVSLDLGFNNLTDLQNMILGLSTLRHLRLVLQGNPLSLVPPYRGFTIDSLAHLCLVDD  
 ITVSPNEKHQFRGLNIHGDLLAREAQFVVTIGNVRGVLDSILDPEPGDPGPFISYSYYVYDFVEDEDM  
 ERNVSGLVEATHHDSVLDEIDKHFSGTDEEDQEDPLDGRHRHRGRQRFPHPGSTEEMSKELSEFIKEMS  
 QMAEGSVESGITEVDWSETSSISIHSAPLPQSIDSSSEELAKLRPKIDIQLCPSPGTVLFNTVHKPWSDVIP  
 CTYEMKHTLKEKIRVKAFLLAGTTVSIVEEKILSWPVVPTPVESPLPAKKGKDNKKKPAKDKVHKKKK  
 EPPRELQDPPVLTVLGSLVYLEPLLAGEAVVSTVCNFGVVRTLETDRLT HARDSKKVKKSLKKDRSKT  
 VPPTMESGYQPEPLSVEVQIQLHQYRSVEEAFSLSID

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9093\\_c08.zip](https://cdn.origene.com/chromatograms/mm9093_c08.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001033461

**ORF Size:** 2001 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\\_001033461.3](#), [NP\\_001028633.1](#)

**RefSeq Size:** 2046 bp

**RefSeq ORF:** 2004 bp

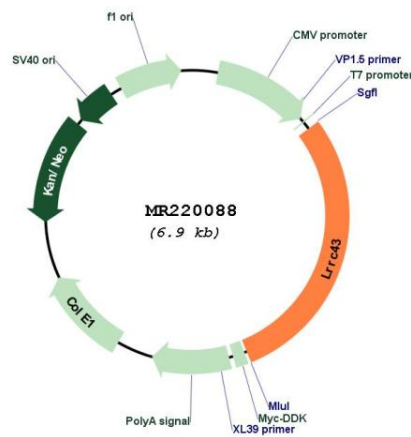
**Locus ID:** 381741

**UniProt ID:** [Q3V0L5](#)

**Cytogenetics:** 5 F

**MW:** 74.9 kDa

**Product images:**



Circular map for MR220088