

## Product datasheet for **MC228599**

### **Lrrc43 (NM\_001289821) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Lrrc43 (NM_001289821) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc43
Synonyms:	Gm1061
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228599 representing NM\_001289821  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGACCAGCGAGTCCAGCACTAGCGACTACAGACAGACCAGGGCGAGGGCGAGGGTGTACCGGGG  
 CCTTGAGCACGGCTGTGTGTGAGCACCTGCGGAAGTTGTGTCTGCGCGAATTCCTGTGGCATCGGGAG  
 CTGGAATAAGTCACGCTTCTTCTCATAAAATGTCGAGTCTGGAGGGAATTGGTACCCAAGGAGGAGGAG  
 ACACTGGTCCCGAGGAGGAGACTGTGGAGGCCCTGCTGGGCCTGGTGCAGCAACCACTCTCCTTGGG  
 CTATGCTGAAGGATGCCAGCGCGGAGGACCGTTTCTGAGGGAGCTGGCCATCCAGAATCCACTGATGAT  
 CAAAGACACTTTCTTCTACTCCTACTTCCGGTCCCTGCGGGTGGTGAACAAGGGGGTGGTCTGGTGGAT  
 AAAGACCTCTTGAATTTCTAAAGCTGGAGGAGTTGGTCTGAGTGCCAATAAAATTGAGGAAATCGATG  
 CCAACAATCTGCCCCGACATTGAAGGTGCTGGAGCTCTATGGCAATTTGATCGCCAGCATGGAGTGTCT  
 GTGCTCAGCCCCGCCCAAGGCTGCAGCACCTGGGGCTAGGCCACAACAATTGCTGGGCCCTTTGGAG  
 AGTCTGTATGTCACCTCCCAACTGGCCCAACTCGTCTCCCTGGACCTGGGCTTCAACAACCTGACGG  
 ACCTGCAGAACATGATCTTGGGACTCAGTACCCTGAGGCACCTGAGGCTCCTAGTACTGCAGGGGAACCC  
 ACTATCTCTGGTGCCTTACTACCGTGGCTTTACCATAGACAGCCTGGCACATCTTTGTGTCTGGACGAC  
 ATCACCCTGTCTCCCAATGAGAAGCACCAGTCCCGGGACTCAACATTCACGGTACCTTTTGGCACGTG  
 AGGCCAGTTTGTGGTGACGATTGGAATGTGAGAGGGTTCTGGACAGCTCTATCTTGGACCCGGAGCC  
 GGGACCTGACGGCCCTTTCATTAGCTACAGCTATTATGTACCTATGACTTTGTGGAAGATGAGGACATG  
 GAAAGAAATGTTAGTGGCTAGTAGAGGCAACACATCATGACAGCGTTCTGGATGAGATCGACAAGCATT  
 TCTCTGGCACCGATGAGGAGACCAACAGGAGGATCCCTTAGACGGCCGCCACCGCCACAGAGCCCGTCA  
 GAGGTTTTCAACCAGGCTCGACGGAGGAGATGTCCAAGGAGCTGTCTGAGTTCATAGCGAAGGAGATGAGT  
 CAGATGGCAGAAGGCTCGGTTGAATCTGGGATAACAGAGGTGACTGGTGGAGACGAGCATTTCATCC  
 ACTCTGCGCCCTGCCACAGTCAATCGACTCTTCTGAAGAGCTGGCCAAGCTGCGGCCAAAGATAGACAT  
 CCAGCTCTGTCCATCCCCAGGGACAGTCTCTTCAACACGGTGCACAAGCCCTGGTCCAGATGTTATTCCC  
 TGCACCTATGAGATGAAGCACACCCTCAAGGAGCTGATCCGGGTCAAGGCCTTCTGCTGGCTGGGACTA  
 CTATCCTCTCCTGGCCTGTGGTACCCACTCCCGTTGAGAGTCCCTTGCTGCCAAGAAGGGGAAAGACAA  
 CAATAAAAAGAAAGAGCCTGCTAAGGATAAGGTCCACAAGAAGAAAAGGAGCCGCCAGGGAGCTGCGG  
 CAGGACCCCTGTGCTGACGGTGTGGCAGCGGGCTGGTGTACCTGGAGCCCTTGTGCGCGGGGAGG  
 CAGTGGTATCCACTGTGTGTAATTTCCGGGTGGTCCGAACCTGGAGACAGACAGGCTCACACATGCCAG  
 GGATCAAAGAAGGTAAGAAATCTCTCAAGAAAGATAGGTGCAAAACGGTGCCTCCAACCATGAAAGC  
 GGGTACCAGCCAGAGCCACTGTCCGTGGAGGTCCAGATCCAGCTGCACCAGTACCCTCGGTGGAGGAAG  
 CATTCTTAGCTTATTGACTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001289821

**Insert Size:** 1983 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001289821.1, NP_001276750.1</u>
<b>RefSeq Size:</b>	2025 bp
<b>RefSeq ORF:</b>	1983 bp
<b>Locus ID:</b>	381741
<b>UniProt ID:</b>	<u>Q3V0L5</u>
<b>Cytogenetics:</b>	5 F