

## Product datasheet for **MC220872**

### Lrrc49 (NM\_001146046) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc49 (NM_001146046) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc49
Synonyms:	AI430817; AW050057; D430025H09Rik; p79; PGs4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220872 representing NM\_001146046  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATTCCCGGAAAATATCGCTCCGTTTCTGGCCGAGCTGCAAATAACGTGAACTGTGGACTTCATCTGG  
 TTATTCAAACGTCGTCACCTTTCTGACAAAAACAAAGTTGAATTCAGGCTTAACAGAGAAACACCACCATT  
 TCCTGGTAGACTGTTACAGCATGACCTGGAGAGGAACTACTCAAGCAGGCAAGGTGACCACATTAGTCTG  
 GTGAGCTCATCCATGCCGGCGTTTCTATTCTCCAGCGCTCTTCTGAAGAGAAAACACTTTACTCAGACA  
 GGCTGACCCTAGAAAGACAAAAGTTGACTGTGTGCCCTATCATCGACGGGGAAGAGCACCTTCGTTTGT  
 GAACCTTCAGCACAAATTTATAACTCGGATCCAAAATATTTCTAATCTACAGAGGCTAATATTCTTGGAC  
 TTATATGATAACCAGATTGAAGAAATAGTGGACTTTCTACTCTGAAATCCCTTCGTGTCCTCCTGTTAG  
 GGAAAAACAGAATCAAGAAAATCTCAAATCTGGAGAATCTAAAAATTTAGATGTCTTGGACCTTCATGG  
 AAATCAGATTACAAAATTTGAAAATGTTAATCATTGTGTGATTTGAGAGTTCTAAACCTTGCCAGGAAT  
 CTCTTGAGTCATGTTGACAATCTCAACGGCCTGGATTCCTAACGGAACCTAACCTTCGGCACAACCAGA  
 TCACCTTTGTGAGAGATGTGGATAATTTGCCCTGCCTCCAACGCCTCTTCTCAGCTTCAACAATATAAC  
 TAGCTTTGAAAGTGTTTCTGCCTTGCCGAGTCAACTCCCTCTCGGACATCACCTTTGATGGCAACCCA  
 ATAGCTCAAGAGTCATGGTACAAACACACGGTCCTTCAGAATATGATGCAGCTGCCCAGCTAGACATGA  
 AGAGAATCACGGAAGAAGAAAGACGCGTGGCATCTGTTGTGGCCAAAAAGAGGAGGAGAAGAAGAGGGA  
 GAGTCACAAGCAGTCTTGTGTAAGGAGAAGAAAGGTTAACCATTAACAATGTCGCTCGAAAGTGGGAC  
 TTGAGCAGCGAGTAGCCAACATTGCCAGCACTCAGGACAGAAAGGACTCGGAGTCTCCGCCTCAGGAAT  
 CCTGTAGCTCGACGGAGGCAACATCTCTGCCTTCCAGAGGAAGCAGGGTCTCTAGATGCAGGGCTCAG  
 CAGTGCCTTACAAGCTTGTCTGTACAGAAAACACACTTGGTGGAGATAGACGGAGAAACCTCTCACTG  
 TACGGCTCAGGGGCGCTGGAATGCCTGGATCGAAACTGGAGTGTCAAACAGCCGGCATGGTCACCACGG  
 TCTCATTACGTTTCATCGAGTTTGTGAAATTTGCAAGTACTTCCCAAAGTGAAGATGAAGTTTCCAAA  
 TTCTCTGCACCTTAAATTCAGGGAGACCAACCTTGTGATGCTGCAGCAGTTCAATGCCCTGGCAGCTG  
 CGTCGGGTTGACCAGTTGACAATCGATCCTCAGGGAACCCAGTGGTCAACTTTACTCTGGAAGTACT  
 ACGTGTCTTCCAGGCTCAGCCACTTCAAGCATGCAGAAAATAAATGGAACAGAGGTGACTCAAATGACAT  
 GATAATGGCTGAAAGGCTCTTTGGAATCTTAGCACATGTAGCATCCTCCGAGCTGCCCCAGTACCGCATG  
 ATTTCAATTCTGGGTGATGCCAGGAAAAGCAATTCGATATCTACTGGAAGCAAAGGTAAGAAAGCCTG  
 GCATCATCTGTGAGGAGACCAGTGACAGCAAGAGGTTCTTGGGGGAAAACACGAACCGCGCTACCCTGAA  
 TTACACCACCCGAGAATTCTACCACGAGAAGCTGGAAGAAATAAAGGACAAGAAGAAGTTCTGCAGGTTG  
 TATGTAGAAGACCTGGTGAAGGAAGCCACAGCCATCAACATGAAAAACGAGGCTCTGCAGAAGCTGTGGC  
 CACAGATGTTTCATCGAGCTTGTGAGAGACGCTGTATAGAGATCCGCAGCAAGGATTCCTACATGAAACT  
 CTGCCTGCAGCAGATCACTGACCAGAAA**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_001146046
- Insert Size:** 2061 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\\_001146046.1](#), [NP\\_001139518.1](#)

**RefSeq Size:** 2802 bp

**RefSeq ORF:** 2061 bp

**Locus ID:** 102747

**UniProt ID:** [Q91YK0](#)

**Cytogenetics:** 9 B