

## Product datasheet for **MC217482**

### **Lrrc27 (NM\_027164) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Lrrc27 (NM_027164) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc27
Synonyms:	1700071K18Rik; 2310044E02Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217482 representing NM\_027164  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGGACACCAGCCCCAAGCAGTGGCCGAGAAGGCTGCTAAAGACCCCAAGGCTGCTAAAGATCTCA  
 AGGATGATGCTGCTGCCGCCACCAAGAGCTTCCCGATCACTTTCCAGAGAGGGTGATGATCAAAATGGA  
 CTTTGAAGGGGTATCTTTTCTCCTCACCAGTTTACAGCTGAGTCAAAGAGGCCCTGCGCCATTTGGGA  
 AAGTTCTTTAAAATTCCAACCTCCAACAATTACACCTGCAGAGGAATTTGCTCAGGGAGATTCCGGAGG  
 ATTTCTTCCAACCTGCTGCCAACCTGACATGGCTGGACCTCCGTTACAACAAAATCAAGGTTCTTCCATC  
 TGGGATTGGCTCTCACAAACATTTGAAAATTTGCTTCTAGAACGAAATCCTATCAAAATGTTACCCGTT  
 GAGCTGGGGCAGGTCACACTGACAGCACTGAACCTGAGACTGCCCTCTGGAATTTCTCCTCGCC  
 TGATTGTGCAGAAAGGCTTGGTAGCCATCTCACCTTCTACGCATCTGCTCAGTGGAGAAGGCCTTCCC  
 TGGAGATGAGTTGCTTCCAGAAGTCTCAGCACCTAAGATGGGCAGCAATGACCTTCAGTATCCCGTGCTC  
 CCTCTGCCCGTAAAGGCTCACCTAGTGAGAACAGCCTTAATGACCCAGACCAGGAGAAGGAGAAGGCTG  
 ACTTCTTCCCACCTATGGAAGGCTAGACTGAGTGAGCTCCGCAATCCAACGCCGCTCCGAGATATG  
 GCCAGTAAGGAGGAGATCAGACGCTTCTGGAAGCTGAGGAGGAGATTGTGGAGAATGAGCAGGTGGAG  
 ATTCAGAGAAGAAGCTTTGGCTGTTGAGCTGCCGCCAAATCTCAAGGCAGCGCTAAACGTCAGGAGA  
 AAAAGCACAGGAAGCCATGGCCCGCAGTCAGGAAGAGGTTCCACCTCCTTCAAAGGCATCTTGCCCAACCT  
 CCCTTCAGGGTACAAAACACAGTTCATGCAAACAGGATGGAAGACACTACAAGGCGGCTTTCAGGAG  
 CTCCAAGAGAAGGAGACAGTGTGGAGCAACGGAGGAGAGACAAGAGAGCTCTGCAGGAGTGGCGAGAGC  
 AGACCCAGCACATGAGGACCAGGAGGAACTCAGTAACTCCAACCTCCACATAGTAACATGAGTGGCATC  
 GAAGATTCCCTTTGCCACAGATCTGACAGACTATGAGAAAATGCCAGTAAGTCCATTTGGGAAAGTGAAG  
 CCCAGCGGAGAGGGGACAGCACAAAGGCCATAGAAAATAAGTGCCCTACCATTAGCAGAGCTGGAGGACA  
 AGATAAAGCGGCACACACAGCAGATCCGCACTCGAAGTTTCTGGGTACAAACCAATGCAAGACATTAA  
 GACAGCCAACCAGGACCTGGAACCCTAAGAACTTCAGGAGGAGTTAAGGAACTGAAAGTGGAGATG  
 ACCTTGAACAAAGACCATCCATTTCCATCTTCTACTGAAACCTTCTACTTACCACCAGCATCACAGC  
 CTCAAAATATATTTTTAACACGAAATCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_027164
- Insert Size:** 1572 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\\_027164.1](#), [NP\\_081440.1](#)

**RefSeq Size:** 2329 bp

**RefSeq ORF:** 1572 bp

**Locus ID:** 76612

**UniProt ID:** [Q80YS5](#)

**Cytogenetics:** 7 F4