

## Product datasheet for **MR203356**

### Lrrc61 (NM\_177736) Mouse Tagged ORF Clone

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                               |
| Product Name:             | Lrrc61 (NM_177736) Mouse Tagged ORF Clone                         |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | Lrrc61                                                            |
| Synonyms:                 | BC027309                                                          |
| Mammalian Cell Selection: | Neomycin                                                          |
| Vector:                   | pCMV6-Entry (PS100001)                                            |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                              |
| ORF Nucleotide Sequence:  | >MR203356 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGAGCCTCCTGGAGAGAAGCCAGGAGAGGCTGAGGCGCTGAGCATCACACCCAGCTGCTGAAGTCCC  
 ACTCAGGAGAATTTGCCCTGGATTCCATCCTGTTGCTGAAGCTTCGGGGTTTAGGGGTGGTGGACCTGGG  
 TTGTTTGGGGGAGTGCCTGAACCTTGAGTGGCTTGACCTATCAGGCAATGCACTTACCCACCTGGGCCCA  
 CTGGCATCCCTGCGCCAGCTGGCTGTGCTCAACGTCTCCAATAATCGGCTTACAGGGCTGGAGCCACTAG  
 CAGCTTGTGAGAACCTGCAGAGCCTCAATGCTGCTGGTAACCTGCTGACCACTCCTGGTCAGCTGCAGTG  
 TCTGGCTGGGCTGCAGGCCCTGGAGCACCTGAGGCTCCGGGACCCCTTGGCCCGGCTCAGCAACCCGCTC  
 TGTGCAATGCTTCCTACTGGGCTGTGGTCCGAGAGCTACTGCCTGGCCTCAAAGTCATAGATGGGGAAC  
 GAGTGAGTGGGCGGGCAGTGAGCTGTACCAAGTTATGCCGGGACCTGGACAGTTCCTTGCCTCCGGCTC  
 CAGCCCAGGGCCAGAGCCATCGAGGCCAGCCATGGGTAGAGCCCGGCTACTGGGAGTCTGGCCCATC  
 CGGAGCAGCTCCATTCTGGAGGAGGCTGCCGACAGTTCCAGGACACACTGCAGGAATGCCTTGACCTGG  
 ATCGTCAGGCCAGCGATAGCTTGGCCAGGCCAGCAGGCTCTCAGCCCTGCAGAAACCACTCTTCCTT  
 TGTCTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA


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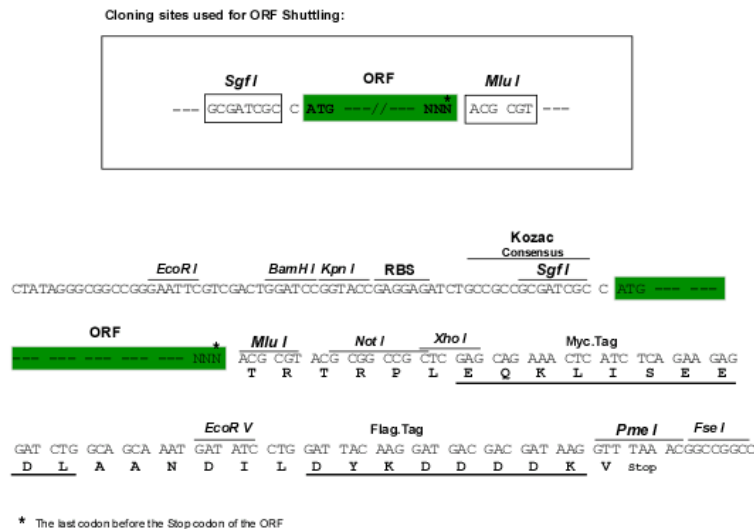
**Protein Sequence:** >MR203356 protein sequence  
 Red=Cloning site Green=Tags(s)

MEPPGEKPGAEALSTPQLKSHSGEFALDSILLKLRGLGVVDLGCLGECLNLEWLDL SGNALTHLGP  
 LASLRQLAVLNVSNNRLTGLEPLAACENLQSLNAGNLLTPGQLQCLAGLQALEHLRLRDPLARLSNPL  
 CANASYWAVVRELLPGLKVIDGERVSGRGSLEYQLCRDLSSLRSGSSPGPRAIEAQPWVEPGYWESWPI  
 RSSSILEEACRQFQDTLQECLDLDRQASDSLAAQAQALSPAETTSFVF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_177736

**ORF Size:** 777 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_177736.2](#), [NP\\_808404.1](#)

**RefSeq Size:** 2932 bp

**RefSeq ORF:** 780 bp

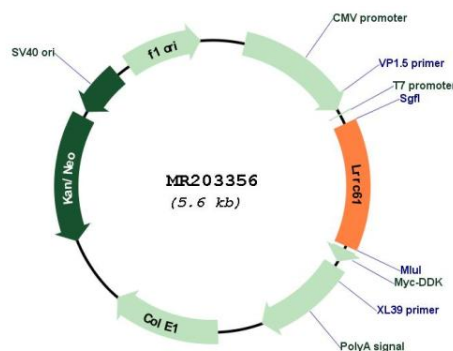
**Locus ID:** 243371

**UniProt ID:** [Q8R2R5](#)

**Cytogenetics:** 6 B2.3

**MW:** 28 kDa

## Product images:



Circular map for MR203356