

## Product datasheet for RN216491

### Lrrc58 (NM\_001195558) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Lrrc58 (NM\_001195558) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Lrrc58  
 Synonyms: RGD1307440  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN216491 representing NM\_001195558  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGGAGGCCGCTCGGGAGGCCAACTCAACTGGTCCCGCCTCAGCGTGTGGCCGAGGCGCTGG  
 AGTCGGAGCTGGAGGCGCGCGGAGGAGCGCGGCTCACGGGAGGCGCTGCTGCGGCTGCTGTGCC  
 GTATAACCGTCTGACGTCGCTGCCACGGGCGCTGGGCAGCGGCTCCACACCTCCAGCTCCTGGACGTG  
 AGCGGCAACGCGCTCACGGCGCTGGGACCCGAGCTGCTGACGCTGAGCGGCTGCGCACGCTGCTGGCCA  
 GGAACAACCGGCTCGGGCGCCGGGCTCGCTGCCAAGGGCTGGGCCAGTCGCCGCTCTGCCGACGCT  
 CCAGGTAACCTCAGCGGCAACTGCTTCCAGGAGTCCCGGCTCGCTGCTGGAGTGCAGCGCGCTT  
 CAGACCTCAGCTGGGAGGCAACCAGCTGCAGAGCATCCCCGCGAGATCGAGAATTGCAGAGTTTAG  
 AATGTTTATACCTTGGAGGAACTTCATTAAGAAATCCCACCAGAATTAGCAAATCTGCCTTCTCTGAA  
 TTAAGTGGTGTGTGACAACAAGATCCAAAGTGTGCCTCCTCAGCTCTCACAGCTGCATTGCTTTCGA  
 TCCCTCAGTCTACACAATAACTTGCTGACGTACCTGCCTCGAGAGATCCTCAATCTTATCACCTGGAAG  
 AGTTGAGTTTACGAGAAACCCATTGGTGGTCCGTTTTGTTAGAGATTTAACGTATGACCCTCAACTCT  
 TCTGGAATTAGCTGCAAGGACCATTAAGATCCGAAGTATTTCTTACACTCCCTATGATCTTCTGGGAAT  
 CTCTTAGATACTGGGCTCTGCCAGCAATTGTCCAAACCAAAGTGCAGTGGAGTCTATTTTACTGTT  
 GTGTCAGACAGATTAAGTTTGTGGACTTCTGTGGAAAGTACCGCTCCCCCTCATGCACTATCTGTGTT  
 TCCAGAGTGTCTCCCCCTGCAGCTCTGCCTCACACAGCTCCACATCCCAGAGTGAGTCTGACTCAGAA  
 GATGAGGCCAGTGGCCGCACACAGAATGCAGAAAGTCTTCTTGGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001195558



<b>Insert Size:</b>	1101 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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_001195558.1, NP_001182487.1</u>
<b>RefSeq Size:</b>	1155 bp
<b>RefSeq ORF:</b>	1101 bp
<b>Locus ID:</b>	303919
<b>Cytogenetics:</b>	11q21