

## Product datasheet for **RN203061**

### **Lrrc41 (NM\_001009710) Rat Untagged Clone**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | Lrrc41 (NM_001009710) Rat Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | Lrrc41                                   |
| Synonyms:                 | RGD1311221                               |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | pCMV6-Entry (PS100001)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                     |



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**Fully Sequenced ORF:** >RN203061 representing NM\_001009710  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGCGCCGAGGCCTGGCGCGCCCGAGTTGCTGGTTCTGTGAGGTAGCGGCAGCAACGACCATGG  
 AGGCCACGTCCCGGAGGCGGCCAGCGAAGAGCTCGGCCTCGGCCCCAGCGCTCCCCCGCCCTGTT  
 CGAGTTGTGCGGGCGGGCAGTGAGCGCCATATGGGGTTCTGGAGAGCGGGGTGTGGCCCTCCAGGC  
 CCAATACTTCAAAGCATTTACCTCTGCTCAATATATATACTTGGAGAGGATTGAGAACTGCTCTCA  
 AAAAAGGTCTCTACTCAAGCCATCTGGCGCGACTCTGGGATGAGCTGATGAAGACAAGGCCCTCCAG  
 TTTGGAGAGTGTACTTGTGGCGAGCCAAGTTTATGGAGGCCTTTTTTCCCATGTTCTCCGTGGAACC  
 ATTGACGTGTCTCTGATAAGCGTCTTTGTGATCAACGCTTCTCACCTCTCTGCACAGCTCCCGCCATG  
 TCCGACAGCTAACCATCTGCAATATGCTGCAGGGAGCGACCGAGCTAGTGGCAGAGCCCAACCGCAGGGT  
 TCTGGAGACCCTGGCCAGCTCTCTGCACACCCTCAAGTTCGCCACCTGTGTTCTCGGATGTGGCCGT  
 CAGCAGTCACTCCGACAGCTCTTGATCAGCTCATCCACCATGGGGCTGTAGCCAAAGTCTCGCTGTACT  
 CCTGGCCTGTGCCGAGTCAGCCCTTTTCATCCTTATCCTTACCATGAGTGTGGCTTTTGGCAGCCAGG  
 CCCTGGTAGCTTGCCCTTGCCGCCTCTGTGGTGAAGCCTCCCGAGGCCGGGCCCATCTAGAGATGAAGGG  
 TCCTTGTGTAGGCTCTCGCAGGCCTCGGCGTGATGCAGCAGAACGATGTGCTGCAGCACTGATGGCCA  
 CCCGGCGGAAGAGTGAAGTCAAGCAGGTGCCAGGGCTCTCCCTACCAGTCGTGAACACGCCGACGAC  
 ACAAGAAAGCCTGACAAAGGTGAACAGACTCTAAGAGGGAGTTGTACCCCCAGCCACCTTTATGAG  
 GCTTCTGGCACTAAGCAGCCATCTCTGCTCCAAGTGCAGCCTCCTTCCACATCATCAAACGAGCTC  
 CAGTCACTCAGTCTCACAGCCTAAGCCCTTAAAGCGTTTCAAACGAGCTACAGGGAAGAAAGTCCCCG  
 CACCCGTCAGGGGTCTGGTGCAGAGTCTGAAGACCTGTATGACTTTGTTTTTATTGTGGCTGGTGA  
 GAGGATGGTGAAGAGATGGAGATTGGGGAAGTAGCTTGCAGGAGCTCTGGATGGATCAGATCCAGCTGTT  
 TGGGGCTCCAGCACTAGAGGCATCCAGCGATTCCGACGATTTCCACCCTGGAGCTGTTACAGTTCC  
 TCTTCCACAGAGGCAGCTCTGACACTGTGCCATCTGCTGAGCTCCTGGGTATCACTGGAGAGCCTTACA  
 CTTTCTACAATGGTCTGGGCTCCAATATCTTCCGCTCCTGGACAGCCTACGGGTCTGTGAGGCCAGG  
 CTGGATGTCGTCTCCGTGCCCTGCATCTCAGTGACCTTTTCTCACCCTGCCCATCTGGAATTGACCCG  
 TGCCATTGTGCGAGCCTTGCCCTGTTGCGGGTCTGTCTATTCTGTTGATCACCAAGCCAGAGGGAC  
 AACCTGTGTACCAGAGAATGCTGGGCCCTGGACACATAATTGGAGATGAAGAAATACCAGAAAAT  
 GCCTAGAGCAGTTGGAATGGGATTTCCAGGAGGCCAGCCAGCCCACTGCTCTGCTGTTCTGAA  
 GGCTCAGGTTCTCTACAGCAGCTGCACTCGACAGTGCCACCTTCGCTCTCCTCAAGATTTGGGCTT  
 GTTTTGAAAACACTCAAAGAATACAACCTGTCCCTGAAGAGGCTGAGTTCCATGATATGAATCTTGCG  
 ACTGTCAGAGTGAGGTGCTCTTTTGTAAAGAATCTGACCCTTCAAGAGATTACCTTCTCTTCTGTG  
 TCTGTTTGAAGCGCCAGCCAAATTTCTTCTGAGATGGTTGCTGCTATGAAGGGCAACTCTACACTG  
 AAGGGCCTTCGACTACCAGGGAACCGCTAGGGAATGCTGGCCTATTAGCCCTAGCAGATGTTTTCTCAG  
 AGGATTTCTCTTCTCTGTGACGCTGGACATCAGCTCCAAGTGCATCAAGCCAGATGGGCTTTTGA  
 GTTTGCCAAACGACTGGAGCGCTGGGGCCGTGGAGCCTTTGGTCATCTACGCCTTTCAGAACTGGCTG  
 GACCAGGATGCAGTAACAGCGAGAGAAGCAATCCGGCGACTCCGGGTACCTGCCAGTGTTAGCGACT  
 CATGGGACTCAACCCAGGCTTTGCAGATTATGTCAGCACCAT**GTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001009710  
**Insert Size:** 2427 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>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><a href="#">NM_001009710.1</a></u> , <u><a href="#">NP_001009710.1</a></u>   |
| <b>RefSeq Size:</b>           | 3095 bp   |
| <b>RefSeq ORF:</b>            | 2427 bp   |
| <b>Locus ID:</b>              | 362566  |
| <b>UniProt ID:</b>            | <u><a href="#">Q5M9H1</a></u>   |
| <b>Cytogenetics:</b>          | 5q35  |
| <b>Gene Summary:</b>          | Probable substrate recognition component of an ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function]   |