

## Product datasheet for **RN212124**

### **Lca5l (NM\_001017484) Rat Untagged Clone**

#### **Product data:**

|                    |   |
|--------------------|---|
| Product Type:      | Expression Plasmids                     |
| Product Name:      | Lca5l (NM_001017484) Rat Untagged Clone |
| Tag:               | Tag Free                                |
| Symbol:            | Lca5l                                   |
| Vector:            | pCMV6-Entry (PS100001)                  |
| E. coli Selection: | Kanamycin (25 ug/mL)                    |
| Cell Selection:    | Neomycin                                |



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**Fully Sequenced ORF:** >RN212124 representing NM\_001017484  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGTTGTGGACTATGTCTTTGGCTGACACAACAGAAGCACACACGAATGAGCATTTCGCCAGTCTGG  
 CATTAGGAAGCAACAGGAAGTCTGCAGAAGGCAAGCATAGCCCTGGTGTGGCGGCTGTACGGAACAG  
 CCGGGCTTCCAGTGGGAGCGTGGACTACAGCAGGTCCCGGTGCTCCTGCACAAGCCTGACTTCTCGCTAT  
 GACTACTCAGAAGACTTTCTCTCTGAGTGTCTGAGACAGCTGTGAGCAGACATCAGCCAGAGCAGCTTC  
 TGGGAAAAGAAAAGGAGAAAAGAAAGTATAACACATGTAATTCCTCAGCCTAAAGGCCAGAAGGACAT  
 CCCAGCTGAGAAAAGGCACATCTGGAACGCTTCATTTTTTCAGTTCTCAAATCCAAACGATTGCCAAGAGA  
 AGAGACACCATGACACACCGGATACTGTGACCCAGGCTCCATAAGATCAAAGAGCTGAAGAATGAGCTGG  
 CCGATATACACCGAAGCTGGAAGCCACTATCCTAGAAAACAGTTTCTGAAGCAGCTTCAGCTCAGGCA  
 CCTGAAAGCCATAGGGACATACGTGAACCTCAGAACAATCTACCTCAGATTACAGTCAAGCACCAGAAT  
 GAGGTGAAGAACCTTCGACAGCTCCTCCGAAATCCCAGGAGAAGGAGCGAGCTGTGCCAGGAAATCC  
 GAGAAACCGACAGCGAGTTACTGAGGACCAAAGATGCCTTGCAAGCCCTGCAGAGACTCTCAGAAGCAA  
 AAACCTTGAGAGAGAGAAGAATTGACTCACAGGTTGACCGATCTTACAGCCAAAATGGAAGCAAATGAC  
 AAAAAATACAGAACTTGGAAAAGCAGCTGCGGCTGAACAATCGGTCTTTAGTCGGCAGCTGGCCAAAG  
 AAAATCGGAAGACGTTAGCAGCTCAAACAGCAACCAAGGCCCTGCAGGCAGAAGTGCACAGCTGCAGCA  
 GAAGCTGAAGGAGAAGGATCGTGAGCTGGAATCAAAAACATCTACACTAATCGAATACTTAAAACTTA  
 CATGATAAGGAAGATTACCCGAAAGTTTCTTCCAAAAATCAGTCCAAGCAGACAGAAAAAGTTTGCCAT  
 TTGTAATGTGAGACACCAGGAAACCCAAAAGTCAGACGTCCTTTTGGATAACTAAGGATAAAAAGGC  
 AAAAGGAAACATTGTTTCATAAAGAAAAGTCAACAGAAATAAACCATGATATTTCTTACCATGTGCGTAAA  
 CTGCCAAGGCAAGAGGAGTCTAAGAGAAAATGTGAAGCAAACCTCACGGTCTTAAAGAACATGCCATCCC  
 CTCGAGTGTCTGGGAACAGGTGGCCACTGAGCAGATCTGTGCCCTCCATCTAGAATGTCACTCCTGTAC  
 CCAGACAGATTTATCAAAGGAGGTGCAACACCCGAAACCAAACTCCCTGGAACTCCTAGGAGACCG  
 AAAGAGAGAAAGGAAAGACCAAGAAAAGAGAGCCATCCCAGAAGAAGCAGAGCCAAGTCAAAAGGGGAGCG  
 AGGTCCCCGAGGATGCTGAGGATAAGGCCCTGGCCAGGGCGGCTGCGATGTAGGAGATGCGGGCGATGC  
 AGGTGATGCAGGAGATGCGGACCATGCAAGTATGCCGGCGATGTCCGCGATGTCGTGAGGACAGCGAG  
 GTGATTGGGGCGCACGAGCTGCCGGGGGGAACAGGCCCTCGCCGGCAACGCCTTCGGGGACTCCAAG  
 CCACCGTGGCGGCTCCATCCAGGCCTCGCCCCGAAGCAACAGGAAGACTGCTGTT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001017484
- Insert Size:** 1812 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\\_001017484.1](#), [NP\\_001017484.1](#)

**RefSeq Size:** 2086 bp

**RefSeq ORF:** 1812 bp

**Locus ID:** 498065

**Cytogenetics:** 11q11