

## Product datasheet for MR220565

### Lca5 (NM\_029434) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lca5 (NM\_029434) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Lca5  
**Synonyms:** 4930431B11Rik; 5730406O13Rik; AV274874; ORF64  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR220565 representing NM\_029434  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGGGAAAGAGCCCGAAGTCCAGATATTGAACAAGGAAAAAAGGAGGCAAACACCCATACTCTCATT  
 ATTCGTCTGACTTTGGGTCCTCACCACAGTCTCTGGCCCTCATCACCTGTCAACACGACGCCATGTGC  
 CAGTACTAGGGAGAAGAATCCCAAAGACACTTGTGAGACAACCAAGTGCATACCCAACCGTTAGGAAA  
 GTAAGTCTAAGGCTGTACCCAGCAAAAAGGGCATCCGAGTGGGATTTCCGGTCCCAAAGCCTCAACAGAG  
 AGCCACTTCGGAAGATCCAGATATCGTAACAAAGCGGGTCTTTCTGCCAGACTTCTGAAAATCAACGA  
 GCTGCAGAACGAAGTGTGAGAATACAGGTCAAGTTAGCCAGCTGCTCAAAGAGAAACAAGGCTTTGAAA  
 AGCCTTCAGTATCGTCAGGAGAAAGCGCTGAATAAGTTTGAAGATGCGGAGAACGAGATCTCACAACTTA  
 TACACCGCCATAACAATGAGATTACTGCGCTCAAAGAACGCTTACGAAAACTCAGGAGAAAGGAGCGGGC  
 GACAGAGAAAAGAGTGAAGAGACAGAAGGTGAACTATTTAGGACGAAAATTTTCTTACAGAAAAGTAAA  
 AAGATCTCCGAGGCCAGACACCTACCGGAGCGAGACGATTTGGCCAAGAAAAGTGGTTTCGGCAGAGTTAA  
 AATTAGATGACACGGAGAGAAAGATTAAAGGAGCTATCGAAGAACCTGGAGCTGAGCACGAACAGTTTCCA  
 GCGGCAGCTGCTCGTGAAAGGAAAAGAGCATTCGAGGCTTACGATGAAAATAAAGTTCTTCAAAGGAG  
 CTGCAGCGGCTCCATCACAAGCTCAAGGAAAAGGAGAAAGAATTGGATATAAAAAACATCTATGCTAATC  
 GCCTGCCCAAATCCTCTCAAAGAAAGAGAAAGAAATCGAAAGGAAACATGTATCCTGCCAGAGTGAAT  
 TACAGACCAGTGTACAAAAGGAGTACAGACCGCTGAAGACTTTGAGCTGGAGACTTTCTTTTACAGCC  
 CAGACAGTTCTCTGCTATGAAAACAGATGGGATGAACCAGAATATCTCTTCTGACCTGGAGTACCAGG  
 ATCTCAACAAACATGGATCAGAGATGCTAAGTTCAAGTGTGGGACAAGAAGGAAAGTATGATGAAGATGA  
 GGACCCATGCTCTGCAAAGCAGGAGGCCAGGAAGCCTGAGAGTGGTAATCTTTTGGTAAGAATAAGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**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\\_029434.3](#), [NP\\_083710.2](#)

**RefSeq Size:** 2010 bp

**RefSeq ORF:** 1260 bp

**Locus ID:** 75782

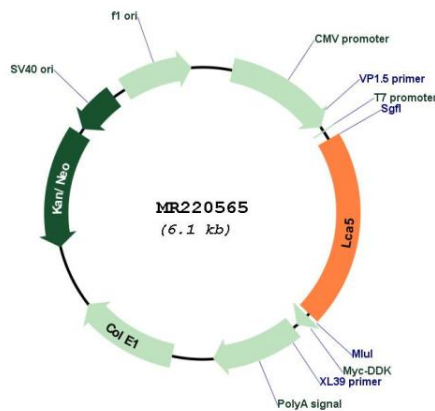
**UniProt ID:** [Q80ST9](#)

**Cytogenetics:** 9 E2

**MW:** 48.9 kDa

**Gene Summary:** Involved in intraflagellar protein (IFT) transport in photoreceptor cilia.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR220565