

Product datasheet for **RN204549**

lqcb1 (NM_001107092) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	lqcb1 (NM_001107092) Rat Untagged Clone
Tag:	Tag Free
Symbol:	lqcb1
Synonyms:	NPHP5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN204549 representing NM_001107092
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCCAGCGGTACAGACCCAAGGATCTTGTCTTTAGCTGCTGAAGTAGCGAAAAGTCTGAACAAA
 ATGTCCCTGTTATATTATTGAAGTTAAAAGAAATAATAACAACACCCCTTTGGGAAGCTCAGAGTTAAA
 GAAAGTCAAGCAAGATATATATTGTTATGACCTCATTCAATACTGTCTATTGGTCTCAGTCAAGATTCT
 TCTCGAATCCAGGGTGGTTGGTCTACAATTTCCAGCTGACACAGATACTAAGCCATTGCTGTGTGGGAT
 TAGAGCCAGGAGAAGATGGAGAAGAATTTACAAGGAATTACTTCCATCAGCTGCCGAAAATTTCTTGT
 CCTGGGAAGACGATTGCAACATGTTTTATCAATGCAACTAAGGGTGAAGAGCAAGATAAATTACTACAT
 TTTTTCAAATTTGACTGATTCTCTTCTGGCTATTGGGAGGTCATTTCAACTCATAAGAATGTAC
 TGCAGAGTGATCATTTCTTGACCTACTGCAAACTGCAATGTTCAAATAGGAGCTACAGTCATGACTCT
 GCTTCAGAATATACTACAGATCAACAGTGGTAATTTACTCAAAATAGAAGGAAAAGCCCTGCATTCTATT
 TTAGATGAAATCTTTTCAAGCTTTTGTCAACTCCTAGTCCAGTCATAAGAAGTACTGCTACAAAGCTCC
 TACTGGTATTGGCTGAATCCCATCAGGAAATTTGATTTTACTGAGACTAAGTGCCTGCTATAAAGGACT
 TAGAAGTCTGCTAAATAAACAGGAACTCTTACAGAATTTAGTCGAGAACTTAGACAGCTCGTTGATCTT
 TTAACCCCTAAGATCCAACAGGAAGTAGAAGAACAGAACTACATAAAGCAGCTTGCTTGATTCAAGCCT
 ATTGGAAGGTTTCCAGACCAGAAAAAGATTAAAGAAGCTTCCGTCTGCTGTGATTGCCTTGACAGAGGAG
 TTTAGAGCTAAACGAACAAAGATGTTGTTGGAGCTAAATAGGCAGAAGGAAGAAGAACCTCAGATTA
 AGATTGCAACTTCAAAAACAGAGAGCCATGAGGCTTTCCGAGAGTCACGCTTGAGTATGCTTGAATAA
 TTCATCCAGGTCAAGTGGAGAAATACAATAGGGAATAGAAGAGAAATCTGCATTGACTATCCAGAAACA
 TTGGAGAGGGTACAGGGAAGGAAGAATTTTCGCAACAGAGGCCATCTCTCACAGAGTATAAAGCAGCT
 GTCACACTTCAGAGAGCAGTTCTTAAATTCCTAGCAAAAGTGCCGTAAGAAAAAGAACTCTTTGCCTCTT
 GGCATGGACTCCAAGAACTCACTGATGCACGCCGAGTTGAACTGAAGCAACAAGTGGATGACTATGTCAA
 AAGACATCCGGGCTCTCAGATGTCAGATGTGGCCAGCAGAGAGCTCCACGCACAAGCACAAGAACGACTT
 CAACACTATTTTATGGGAAGAGCCATAGAAGAGCGAGCCAGCAACACAGGGAAGCATTGATGGCTCAGA
 TCAGCACCAATATTGAGCAGTTGATGAGTATGCTCTACATCTGTCTTTGTTTCATAAATGGAATAACCCA
 TGCAAGAGACGTGGCATCCAAAATCTTTAGAAGTGCCACAATAGTCTTTATTCCAGTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001107092

Insert Size: 1674 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_001107092.1, NP_001100562.1

RefSeq Size: 2844 bp

RefSeq ORF: 1674 bp

Locus ID: 303915

Cytogenetics: 11q21