

## Product datasheet for MC204157

### Llph (NM\_025431) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Llph (NM_025431) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Llph
Synonyms:	1190005P17Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC024098  
 CCCACGCGTCCGCGCCTGTACTTCCGGTTGGCGTCCCACGCGTGGTGCGGGTGTGTCTCTCAGGTGAA  
 GCATGGCTAAAAGCCTGCGGAGTAAGTGAAGAGGAAGATGCGGGCCGAGAAGAGAAAGAAGAATGCGCC  
 AAGGGAGCTCAACAGACTGAAGAGTATCCTCAGAGTGGACGGGGATGCTCTAATGAAAGACGTTGAGGAG  
 ATAGCAACCGTGGTGGTAGCCAAACCTCGCCAGGAGAAAATGCAGTGTGAGGAAGGGCGGTGTGACGGCG  
 CAGATGAGGAAAAGGATGACATGAAAATGGAACTGAAATTAAGAGAAACAGAAAGACTCTTCTAGACCA  
 GCATGGCCAGTACCCAGTGTGGATGAACCAGAGGCAAAGAAAAAGACTGAAGGCCAAGAGAGAAAAGAAA  
 CGAGGGAAAAGCAGAGCAAAGGCCGCGAAGGGCCTGGCCTGGTAGACCTTAAAGACTGGCAAGGGAGACA  
 GGCGTGGTGGTGCACCCCTTTCATCCCAGCACTCAAGAGGTGGAGGCAGGTGGATCTCTGTGAGTCAAG  
 GCCAGCCTGGTCTACAGAGCAATTCAAAGCACCCAGGGCTCCATTACACAGAGAAACCGTGTCTTGAAA  
 ATACAAGCAAACAAACAAACAAAAACCCAGAACTTTGTTTTTCAGTTTGTACTTAGTTCTGTAATTCAA  
 ACCAAAATAACTCATTTGTGTTAGAACTTGAATAAAATCTCTTTGGTGTGAAAAAAAAAAAAAAAAAAAA AA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_025431

**Insert Size:** 393 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).



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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:** [BC024098](#), [AAH24098](#)

**RefSeq Size:** 772 bp

**RefSeq ORF:** 393 bp

**Locus ID:** 66225

**UniProt ID:** [Q9D945](#)

**Cytogenetics:** 10 D2

**Gene Summary:** In hippocampal neurons, regulates dendritic and spine growth and synaptic transmission.  
[UniProtKB/Swiss-Prot Function]