

## Product datasheet for MC211240

### Lypd6b (NM\_027990) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lypd6b (NM\_027990) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Lypd6b  
**Synonyms:** 2310010M24Rik; AW049525  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211240 representing NM\_027990  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTGCTCTAGTTTTTCAGAGACACAGACTTTGACCTGCCAATCAGGGTGGACAGAATGCTGCTCCTCT  
 GCCACATTCTAGCTGTCACCATCCTTCAGATCTTGATCATCTCAGAGAACTGGGTGTTTGCAAAGAACAT  
 CAACTTCTACAATGTGAGGCCCTCTTGATCCCACACCATTCCCAAACAGTTTCAAGTGTTTACTTGC  
 GAAAATGCAGGGGATAATTATAACTGCAATCGATGGGCAGAAGACAAGTGGTGTCCCGAGGACACACAGT  
 ATTGTTTGACAGTTCATCACTTCACCAGCCACGGAAGAAGTACGTCCATCACGAAGAAGTGTGCCTCAA  
 AAATGAATGTCATTTTGTGGCTGCCGACACAGCCGAGATTCCGGAACACACGGAGTGTAGGTCTTGTCT  
 GAAGGAATGATCTGCAACGTAGAGTTGCCACCAACCACAAAATGCAGTCTTCGCTGTAATGCACGCTC  
 AGAGGACGTCTGGCAGCAGTGTCTCCAGTGTCCCAGTCTTACCTCCTGGTGTGGCCTGGCTCTTCAT  
 GCTTCCCTTGCTA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_027990  
**Insert Size:** 576 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).



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<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_027990.3</a></u> , <u><a href="#">NP_082266.1</a></u>
<b>RefSeq Size:</b>	2285 bp
<b>RefSeq ORF:</b>	576 bp
<b>Locus ID:</b>	71897
<b>UniProt ID:</b>	<u><a href="#">Q9D7F2</a></u>
<b>Cytogenetics:</b>	2 C1.1
<b>Gene Summary:</b>	Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro acts on nAChRs in a subtype- and stoichiometry-dependent manner. Modulates specifically alpha-3(3):beta-4(2) nAChRs by enhancing the sensitivity to ACh, decreasing ACh-induced maximal current response and increasing the rate of desensitization to ACh; has no effect on alpha-7 homomeric nAChRs.[UniProtKB/Swiss-Prot Function]