

Product datasheet for **MC211344**

Lypd1 (NM_145100) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lypd1 (NM_145100) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lypd1
Synonyms: 2700050C12Rik; AI853408; C530008O16Rik; Lynx2; Lypdc1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211344 representing NM_145100
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGGTTCTCGGCATCGCAGCAACTTTTTGCGGATTGTTCTGGCTTCCAGGGCTGGCGCTGCAAATTC
AGTGCTACCAGTGTGAAGAATTCAGCTGAACAACGATTGCTCATCCCCTGAGTTCATCGTAAATTCGAC
CGTGAACGTTCAAGACATGTGTGAGAAAGAGTATGGAGCAAAGTCTGGGATCATGTACCGGAAGTCG
TGTGCATCGTCAGCAGCCTGTCTCATTGCTTCAGCTGGGTACCAGTCTTCTGTTCCCCTGGAAACTGA
ACTCCGTGTGCATCAGCTGCTGCAACACCCCTCTTTGCAATGGGCCGAGGCCAAGAAGAGAGGCAGCTC
TGCTCGGCCATCAGGCCAGGGCTTCTCACCCTCTCTGTTCTTCCACTTAGCCCTCTGCTTGGCACAC
TGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_145100
Insert Size: 426 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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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:	<ol style="list-style-type: none">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:	<u>NM_145100.4</u> , <u>NP_659568.2</u>
RefSeq Size:	6480 bp
RefSeq ORF:	426 bp
Locus ID:	72585
UniProt ID:	<u>Q8BLC3</u>
Cytogenetics:	1 E3
Gene Summary:	<p>Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro increases receptor desensitization and decreases affinity for ACh of alpha-4:beta-2-containing nAChRs (PubMed:19246390). May play a role in the intracellular trafficking of alpha-4:beta-2 and alpha-7-containing nAChRs and may inhibit their expression at the cell surface (PubMed:26276394, PubMed:25716842). May be involved in the control of anxiety (PubMed:19246390).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>