

Product datasheet for **RN204684**

Lyplal1 (NM_001105986) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Lyplal1

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN204684 representing NM_001105986
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGTGTCAAGTGCTACCGGATTGATTGATGACGAAGTAAAAATGGCATCGAGAAAAGCAGGATATTAA
TAGGGGGATTTTCTATGGGAGGCTGCATGGCGATGCATTTAGCCTACAGAAAACCCAGGAGTGGCAGG
AGTATTTGTTCTTTCTGGTTTTCTGAATAAAGCCTCTGCTGTTTACCAGGATCTTCAGCAAGGTGGCCGC
GCGTTCCCCGAGCTCTCCAGTGTCACGGCACAGCGGATGACCTAGTTCTTCATGCGTGGGGTGAGGAGA
CCAACCTCAAACCTGAAGTCTCTGGGAGTGAGCACAACGTTTCACAGTCTCCAGATGTTTACCATGAGCT
CAGCAGACCTGAGCTGGAGAGGCTAACTGCCACGAAGCTGCCAGGAGAGACAGATGGGCAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001105986

Insert Size: 417 bp



OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001105986.1</u> , <u>NP_001099456.1</u>
RefSeq Size:	1497 bp
RefSeq ORF:	417 bp
Locus ID:	289357
Cytogenetics:	13q26