

Product datasheet for **SC324479**

LYPLAL1 (NM_138794) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: LYPLAL1

Synonyms: Q96AV0

Mammalian Cell Selection: Neomycin

Vector: pCMV6-AC (PS100020)

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_138794.1 GGGGGGCATCAGCGATGGCGGCTGCGTCGGGGTCGGTTCTGCAGCGCTGTATCGTGTCCG
CGGCAGGGAGGCATAGCGCCTCTCTGATCTTCCTGCATGGCTCAGGTGATTCTGGACAAG
GATTAAGAATGTGGATCAAGCAGGTTTTAAATCAAGATTTAACATTCCAACACATAAAAA
TTATTTATCCAACAGCTCCTCCAGATCATATACTCCTATGAAAGGAGGAATCTCCAATG
TATGGTTTGACAGATTTAAAAAATCAATGACTGCCAGAACACCTTGAATCAATTGATG
TCATGTGTCAAGTGCTTACTGATTTGATTGATGAAGAAGTAAAAAGTGGCATCAAGAAGA
ACAGGATATTAATAGGAGGATTCTCTATGGGAGGATGCATGGCAATGCATTTAGCATATA
GAAATCATCAAGATGTGGCAGGAGTATTTGCTCTTTCTAGTTTTCTGAATAAAGCATCTG
CTGTTTACCAGGCTCTTCAGAAAGATAATGGTGTACTTCCTGAATTATTCAGTGTCTATG
GTACTGCAGATGAGTTAGTTCTTCATTCTTGGGCAGAGAGACAACTCAATGTTAAAAAT
CTCTAGGAGTGACCACGAAGTTTCATAGTTTTCCAAATGTTTACCATGAGCTAAGCAAAA
CTGAGTTAGACATATTGAAGTTATGGATTCTTACAAAGCTGCCAGGAGAAATGGAAAAAC
AAAAATGAATGAATCAAGAGTGATTTGTTAATGTAAGTGAATGTCTTTGTGAAAAGTGA
TTTTTACTGCCAAATTATAATGATAATTAATAATTAATAAAAAAAAAAAAAAAAAAAAAA
AAAAA

Restriction Sites: Please inquire

ACCN: NM_138794

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).



OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_138794.1, NP_620149.1</u>
RefSeq Size:	845 bp
RefSeq ORF:	714 bp
Locus ID:	127018
UniProt ID:	<u>Q5VWZ2</u>
Cytogenetics:	1q41
Domains:	abhydrolase_2
Gene Summary:	Has depalmitoylating activity toward KCNMA1. Does not exhibit phospholipase nor triacylglycerol lipase activity, able to hydrolyze only short chain substrates due to its shallow active site.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes 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.