

Product datasheet for **MC220768**

Plagl1 (NM_009538) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plagl1 (NM_009538) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Plagl1
Synonyms:	Lot1; Zac1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC220768 representing NM_009538
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCCATTCCGCTGTCAAAAATGTGGCAAGTCCTTCGTCACCCCTGGAGAAGTTCACCATTACAATT
 ATTCCTCCACTCCAGGGAGCGCCATTCAAGTGCTCGAAGGCTGAGTGTGGCAAAGCCTTCGCTCCAAGTA
 TAAGCTGATGAGACACATGGCCACACACTCGCCACAGAAGATTACCAGTGTACTCACTGTGAGAAGACA
 TTCAACCCGAAGGACCACCTGAAGAACCACCTCCAGACCCACGATCCCAACAAGATCTCTACGCGTGTG
 ACGATTGCGGCAAGAAGTACCACACCATGCTGGGCTACAAGAGGCACCTGGCCCTGCACTCGGCGAGCAA
 TGGCGATCTCACCTGTGGGTGTGCACCCTGGAGCTGGGGAGCACCGAGGTCTGCTGGACCACCTCAAG
 TCTCACGCGGAAGAAAAGGCCAACCAGGCACCCAGGGAGAAGAAATACCAGTGCAGCCACTGTGATAGAT
 GCTTCTACACCCGAAAGATGTGCGTCGCCACCTGGTGGTCCACACAGGATGCAAGGACTTCTGTGTCA
 GTTCTGTGCCAGAGATTTGGGCGCAAAGACCACCTCACTCGTCACACCAAGAAGACCCACTCCCAGGAG
 CTGATGCAAGAGAATATGCAGGCAGGAGATTACCAGAGCAATTTCCAACCTCATTGCGCCTTCAACTTCGT
 TCCAGATAAAGTTGATCCCATGCCTCCTTTCCAGCTAGGAGCGGCTCCCAGAAACGGGCTTGATGGTGG
 CTTGCCACCCGAGTTTATGGTCTAGTCTGCTGCCCCAGAAGAAGCTCCCAACCCATGCCGCCCTTG
 GAGCCTTTGGAGCCTTTGGAGCCTTTGGAGCCTTTGGAGCCGATGCAGTCTTTGGAGCCTTTGCAGCCTT
 TGGAGCCGATGCAGCCTTTGGAGCCAATGCAGCCTTTGGAGCCGATGCAGCCTTTAGAGCCTTTGGAGCC
 TCTGGAGCCGATGCAGCCTTTGGAGCCGATGCAGCCTTTGGAGCCTATGCAGCCAATGCTGCCAATGCAG
 CCAATGCAGCCAATGCAGCCAATGCAGCCAATGCTGCCAATGCAGCCAATGCTGCCAATGCAGCCAATGC
 AGCCAATGCAGCCAATGCTGCCAATGCAGCCAATGCTGCCAATGCAGCCAATGCTGCCAATGCAGCCAATGC
 TCCTCCCCAATTATTCTTCAGGAGCATAAGTATAATCCTGTTCTACCTCATATGCCCAATTTGTAGGC
 ATGCCCGTCAAAGCAGATGGCAAGGCCTTTTGCAACGTGGTTCCTTTGAGGAATTTCTCTGCAAGAGC
 CTCAGGCGCCTCTCAAGTTCAACCCATGTTTTGAGATGCCTATGGAGGGGTTTGGGAAAGTACCCTGTC
 CAAAGAGCTGCTGGTAGATGCTGTGAATATAGCCATTCTGCCTCTCTGGAGATTTCTCCCTATTGGGG
 TTTTGGCAGCTCCCCCTCTACTCCCCAGAATGGCTTTGTGAATAGCACCATCCCTGTGGGGCTGGGG
 AGCCACTGCCCATAGGATAACCTGTCTGGCGCAGCAGCCACCGCCACTGCCGCCGCCACCACCGCT
 GCCACTGCCACAGCCACTGCCAGTCCACAGCCACTACCACAGCCACAGATGCAGCCACAGTTTCAGTTG
 CAGATCCAGCCCAGATGCAGCCCAGATGCAGCTGCAGCCACTGCAGCTGCAGTACCACAGCTGCTGC
 CGCAACTGCAACCTCAGCAGCAGCCTGATCCTGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGA
 GCCAGAGCCGGAACCGGAACCGGAGCCAGAGCCAGAGCCAGAACCAGAGCCAGAGGAAGAAGAGGAGAG
 GCAGAAGAAGAGGCAGAGGAAGGAGCAGAGGAAGGAGCAGAACCAGAGGCACAGGCAGAGAAGAAGAGGAG
 AGGAAGAGGAAGCGGAAGAGCCACAGCCAGAAGAAGCCAAATAGCAGTGAGTGTGTAATCTGGGCCA
 GCCCCCCTACCCCAACTCCCCATATTTTCACAGCTGGCTCCAACACTGCTATCCTGCCCAATTTCCAT
 CACGCATTTAGATAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_009538
Insert Size: 2115 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.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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.

RefSeq: [NM_009538.2](#), [NP_033564.2](#)

RefSeq Size: 5279 bp

RefSeq ORF: 2115 bp

Locus ID: 22634

Cytogenetics: 10 4.72 cM