

Product datasheet for **RN208930**

Plagl1 (NM_012760) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plagl1 (NM_012760) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plagl1
Synonyms:	Lot1; Zac1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208930 representing NM_012760
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCTCCTTTTCGCTGTCAAAAATGCGCAAGTCCTTCTCACCTGGAGAAGTTCACCATCCACAATT
 ATCCACACACAGGGAGCGCCATTCAAGTGCTCCAAGACTGAGTGTGGCAAAGCCTTCGCTCCAAGTA
 TAAGCTGATGAGACACATGGCTACGCACTCTCCCCAGAAGACGCACCAAGTGCCTATTGTGAAAAGACT
 TTCAACCGGAAGGATCATCTGAAGAATCACCTCCAGACCCACGATCCCAACAAGATGATCTACGCTGCG
 AAGATTGTGGCAAGAAATACCACACCATGCTGGGCTACAAGAGGCACATGGCCCTGCATTGCGCCAGCAG
 CGGCGATCTCACCTGCGGCTGTGCACCCTGGAGCTGGGGAGCACCGAGGTCCTGCTGGACCACCTCAAG
 TCTCACGCGGAAGAAAAGGCCACCACGCGCCAGGGAGAAGAAACACCAGTGCAGCCACTGCGAGAGAT
 GCTTCTACACCGGAAGGATGTGCGTCGCCACCTGGTGGTCCACACAGGATGCAAGGACTTCTGTGTCA
 GTTCTGCGCCAGAGATTTGGGCGCAAAGACCACCTCACTCGTACACCAAGAAGACCCACTCCCAGGAG
 CTGATGCAAGAGAGCCTGCAAGCAGGAGAATACCAGGGCGGTTACCAACCCATTGCGCCTCCGTTCCAGA
 TCAAGGCTGATCCCATGCCTCCTTTCCAGTTAGAAATGCCCCCGAGAGCGGGCTTGATGGGGGCTTGCC
 TCCTGAGATTCATGGTCTAGTGCTTGTCTCCAGAGGAGGTTCCCCAGCCTATGCTGTCTATGCCGCCA
 ATGCAGCCAATGCCAGAGCAGCCTTTCCTCTGCACCCTGGGGTAGTTCCCTCCTCTCTCCCCGATCA
 TTCTTCAGGAGCATAAGTACAGCCAGTTCCTACCTCTTTGCCCGTTCGTAAGCATGCCGATGAAAGC
 AGATCTCAAGGGCTTTTGCAACATGGGTCTCTTTGAGGAATTTCTCTGCAAGAGTGTGAGTGCCTGTC
 AAGTTCAGTCAAGTCTTTGAGATGGCTAAGGAAGGTTTGGGAAAGTACCCTGCCCAAAGAGCTGCTGG
 TAGATGCTGTAATATAGCCATTCTGGCTCTCTGGAGATTTCTCTCTTTGGGTTCTGGCAGCTGCC
 CCTCCTCCTCCCAGAATGGCTTCATGAATGGCACCATCCCTGTGGGGCCGGGAGCCGCTGCCCAT
 AGGATAACTTGTCTGGCACAGCAGCAGCCACCCTCTGCTACCTCCGCCGCGCCGCTGCCGCTGCCAG
 AGCCGCTGCCACAGCCACAGCTGCCGCCACAGTTTCAGTTGCAGCTCCAGCCCCAGCCCAGATGCAGCC
 CCAGATGCAGCTGCAGCCTCTACAGCTGCAGCTGCCCCAGCTGCTGCCCCAGCTGCAGCCGAGCCTGAG
 CCAGAGCCAGAGCCAGAGGAAGAAGAGGAAGAAGAAGAGATAGAAGAAGAAGAAGAGATCGAAGAAG
 AAGAAGAAGCCGAACCGAAGCAGAAGAAGAAGAGGAGGCAGAAGACGAAGAGGAGGCAGAGGAAGAGGA
 AGAAGAGCCACAGCCAGAAGAAGCCAAATAGCAATGAGCGCTGTGAATATGGGCCAGCCCCGCTACCC
 CCGACCCCTCATGTTTTACAGCTGGCACCACACTGCTATCCTGCCCATTTCCACCACGCTTCAGAT
 AA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_012760
- Insert Size:** 1752 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).
- 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_012760.3](#), [NP_036892.1](#)

RefSeq Size: 5028 bp

RefSeq ORF: 1752 bp

Locus ID: 25157

Cytogenetics: 1p13

Gene Summary: displays decreased expression in transformed ovarian surface epithelium cell lines [RGD, Feb 2006]