

Product datasheet for **MG207811**

Pld3 (NM_011116) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pld3 (NM_011116) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pld3
Synonyms:	Sam-9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG207811 representing NM_011116
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAGCCCAAACCTGATGTACCAGGAGCTGAAGGTGCCTGTTGAGGAGCCTGCGGGAGAAGTGCCTTGA
 ATGAAATCGAGGCATGGAAGGCAGCAGAGAAGAAAGCCCGCTGGGTCTCCTGGTCTGATCCTGGCGGT
 AGTGGGCTTCGGTGCCCTGATGACTCAGCTGTTTCTATGGGAATACGGGGACTTACATCTATTTGGACCA
 AATCAGCGCCAGCCCCCTGCTATGACCCTGCGAGGCGGTGCTGGTGGAGAGCATTCTGAGGGTCTGG
 AGTTTCCCAATGCCACCACGAGCAACCCCTCCACTAGCCAGGCCTGGTTGGGCCTCCTTGCCGGTCTCA
 CAGCAGCCTGGACATCGCATCCTTCTACTGGACCCTCACAATAATGACACCCACACGCAAGAGCCCTCT
 GCCCAGCAGGGTGAAGAGGTTCTTCAGCAGCTTCAGGCACTGGCACCTCGAGGTGTAAGGTTTCGCATCG
 CTGTGAGCAAACCAATGGCCCTCTGGCTGATCTGCAGTCTCTGCTACAGAGTGGTCCCGAGTCCGCAT
 GGTGGACATGCAGAAGCTGACTCATGGTGTCTGCACACCAAGTCTGGGTGGTGGATCAGACCCACTTC
 TACCTGGCAGTGCACAACATGGACTGGCGGTGCTGACCCAGGTCAAGGAGCTGGGCGTGGTTCATGTACA
 ACTGCAGCTGCCTCGCCCGGACCTCACCAAGATCTTTGAAGCCTATTGGTTCCTGGGCCAGGCAGGTAG
 CTCCATCCCATCAACCTGGCCGCGGTCTTTGACACCCGATATAATCAAGAAACACCAATGGAGATCTGC
 CTCAATGGCACCCAGCTCTGGCCTACCTAGCGAGTGCACCCCAACCACTGTGTCCAAGTGGCCGACCC
 CAGACCTGAAGGCTCTGCTCAACGTGGTGGACAGTGCCCGAAGCTTCATCTACATTGCGGTTATGAACTA
 CCTGCCACCATGGAGTCTCTCATCCACGAGGTTCTGGCCAGCGATCGATGATGGGCTGAGACGGGCT
 GCGTGAACGAGGCGTCAAAGTGCCTGCTCATCAGCTGCTGGGACACTCTGATCCATCGATGCGGT
 CTTTCTGCTCTCCCTGGCTGCACTTCATGACAACCACTCACTCCGACATCCAGGTGAACTGTTTGT
 GGTCCCTACGGATGAGTCCCAGGCCGAATCCCTATGCCCGTGTCAACCAACAACAAGTACATGGTACT
 GAACGTGCCTCATACATTGGAACCTCCAAGTCTGGAAGCTACTTACGGAGACAGCAGGCACCTCCC
 TGCTGGTGCACAGAACGGGCATGGTGGCTTGCAGTCACTGGAGGCTGTTTTCTGAGAGACTGGGA
 ATCCCCATACAGCCAGTCTCGACACCTCAGCCAACAGTGTGGCAATGCCTGCCGCTGCTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207811 representing NM_011116
 Red=Cloning site Green=Tags(s)

MKPKLMYQELKVPVEEPAGELPLNEIEAWKAAEKARWVLLVILAVVGFALMTQLFLWEYGDHLHFGP
 NQRPA PCYDPC EAVL VESIPEGLEFPNATTSNPSTSQA WLLAGAHSSLDIASFYWTLTNNDTHTQEPS
 AQQGEEVLQQLQALAPRGVKVRIAVSKPNGPLADLQSLQSGAQVRMVD MQKLTGVLHTKFWVVDQTHF
 YLGSANMDWRSLTQVKELGVVMYNC SCLARDLTKIFEAYWFLGQAGSSIPSTWPRSFDRYNQETPMEIC
 LNGTPALAYLASAPPPLCPSGRTPDLKALLNVVDSARSFIYIAVMNYLPTMEF SHPRRFWPAIDDGLRRA
 AYERGKVRLLISCWGHSDPSMRSFLLSLAALHDNHHS DIQVKLFVVP TDESQARIPYARVNHNKYMT
 ERASYIGT SNWSGSYFTETAGTSLLV TQNGHGGLRSQLEAVFLRDWESP YSHDLDT SANSVGNACRLL

TRTRPLE - GFP Tag - V

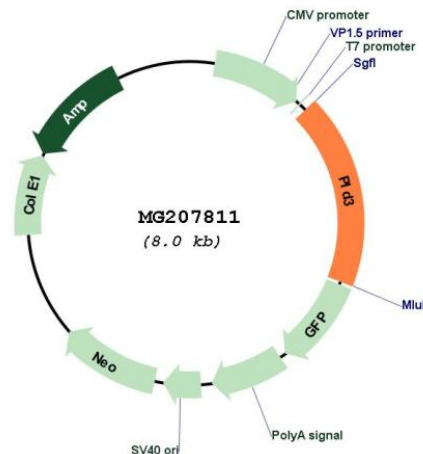
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_011116

ORF Size: 1464 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_011116.2](#)

RefSeq Size: 2246 bp

RefSeq ORF: 1467 bp

Locus ID: 18807

UniProt ID: [O35405](#)

Cytogenetics: 7 A3

Gene Summary: May be involved in APP processing.[UniProtKB/Swiss-Prot Function]