

Product datasheet for MR212059

Plch1 (NM_183191) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plch1 (NM_183191) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Plch1
Synonyms:	BC042549; PLC-eta-1; PLCeta1; Plcl3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212059 representing NM_183191 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGCAGACCTTGAAGTGTATAAACTTAAGTCCAGAAAAGTTGAAAGATGCATGAGTGAATGCAGT
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ATACGGAAAAAGCTGGAGTCACTGTTGAAGGAGTCTCAGATTCGAGACAAAGAAGATCCAGACAGTTTCA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>MR212059 representing NM_183191
Red=Cloning site Green=Tags(s)

MADLEVYKNLSPEKVERCMSVMQSGTQMIKLRGTKGLVRLFYLDEHRTRLRWRPSRKSEKAKILIDSIY
KVTEGRQSEIFHRQAEGNFDPSCCFTIYHGHNMESLDLITSNPEEARTWITGLKYL MAGISDEDSLAKRQ
RTHDQWVKQTFEEADKNGDGLLNIEEIHQLMHKLNVLNPRRKVRQMFQEADTDENQGTLTFFEEFCVFKM
MSLRRDLYLLLLSYSDKKDHLTVEELAQFLKVEQKMSNVTLDYCLDIIMKFEVSEENKVNVLGIEGFTN
FMRSPACDVFNPLHHEVYQDMDQPLCNYYIASSHNTYL TGDQLL SQSKVDMYARVLQEGCRCVEVDCWDG
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QCGGRGAKSERIKPNMTNDCQENHNPPKFLSPRKHLLALDPATKGLQERLHGMKTNEKEHAEGFLGEKSML
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SSISALIGQFEESNHPANVTVVSHLSTSGAGSAPFQTPFKHGLSQGNQKASFLCSSPELNKLSVETTK
LANNAVPCGVIGSPISTPKPGDDPSDKAKTRVIEGNLPGFPDASPGQFPKSPTHGEDHSQVMNSPALSTE
LAIEDIIADPALSINSAESSLVEIDGESLNTTCDYREEAPSQLV SPLKLQSQEMVEHIQRGLRNGY
CKETLLPSEIFNNIPGVKNHSISHLTYQGAGFVYNHFS SDAKTNQICEPQQPRAPDMHAPTPTPSTHAP
LAALKLPSPCKSKSLGDLTSEDIACNFESKYQCI SRSFVTNGIRDKSVTMKTKSLEPLDALTEQLRKLVS
FDQEDSCQVLYSKQDVNQCPRALVRKLSRSQSRVRNIASRAKEKQEAGKQKAMAQSTRGGVVLRSKPPA
PALAVNRHSTGSYIASYL RNMKAGGLEGRGIPEGACTALRYGYMDQFCSDNSVLQTEPSSSEDKPEIYFLL
RL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9099_f09.zip

Restriction Sites:

SgfI-MluI

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_183191.4](#)

RefSeq Size: 6266 bp

RefSeq ORF: 5049 bp

Locus ID: 269437

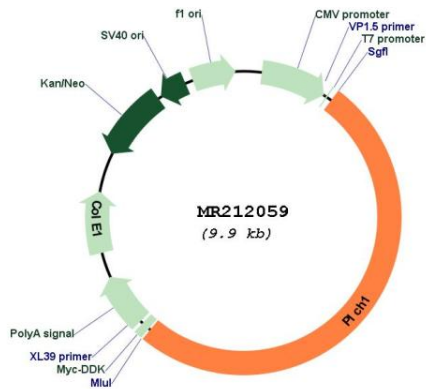
UniProt ID: [Q4KWH5](#)

Cytogenetics: 3 E1

MW: 187.7 kDa

Gene Summary: The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by calcium-activated phosphatidylinositol-specific phospholipase C enzymes.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR212059