

Product datasheet for **MC223638**

Plcl2 (NM_013880) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plcl2 (NM_013880) Mouse Untagged Clone
Tag: Tag Free
Symbol: Plcl2
Synonyms: mKIAA1092; PLC-L2; Plce2; PRIP-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223638 representing NM_013880
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGTGTGGCCGGGGCGCCGAGGAGGGCCCTGCCACCTCCCCGAGCCCGGCCCTAGGCGCCA
AGGGCGCCCTGAAAGCCGAGCCGGGAAGGCGGAGGTGGTGGCGGGGAGGTCGCTCGGCCACGGGCG
GGCGCGCTATGACAGCGCGGGGTTTCCAACGGAGACTGCAGCCTCGGCGTGTCCGGGGACGAAGCCGG
ACGAGCCCTGGCAGGGGACCTCTAGGCGTGGCGCTCGCGCGGACCCCTAGCCAGCTGCCGTCCGGTCC
CCAGGGACAGCAAACCGGGCGCCCTGCCCGCCGAGCAGCATATCAAGGATGGCAGCAAGCAGAAAAG
GGAGCGGAAGAAGACGGTGTCAATCAGCAGCATGCCGACAGAGAAGAAGATCAGCAGCGCAAGTACTGT
ATCAACTCAATGGTTGAGGGCTCTGAACTAAAAAGGTTCTGTTCTAACTCCAGAAATTTACCATCGGTATT
TTCTGCTGGACGCCGACATGCAAAGCCTGAGGTGGGAGCCATCTAAGAAGGATTCTGAGAAAAGCCAAAGT
TGATATCAAATCTATCAAGGAAGTGAGAACAGGAAAGAACACAGATATATCCGAGCAATGGCATTCTT
CCAATTCGAGATGTTGCAAACATCTGGGTGACAGGACTCCGCTACCTGATTTCTTATGGGAAACATAC
ACTTGATGCTAGAAAAGTAGCCAAGACAACATGAGGACTCTTTGGATTTCACAAATGTTTAGTGAATTT
GATGTAGATGGTCTTGGACATATAACTCTGTGTATGCTGTCAGTGTATCAGAAACCTCAATCCTGGTC
TAAAAACAAGCAAATTTAGCTTAAAGTTCAAAGAATTGCATAAATCAAAGGACAAAGCTGGTACTGAAAT
CACAAAGGAGGAATTTATTGAGGTCTTTCATGAACTTTGTACTAGACCTGAAATTTACTTCTTTTAGTT
CAGTTTTCAAGCAATAAAGAATTCCTTGATACCAAGGACCTTATGATGTTTCTTGAGGCAGAACAGGGTG
TAGCACATATCAATGAGGAAATAAGCCTGGAAATTTATTCACAAATACGAGCCATCCAAAGAAGGCCAGGA
AAAGGGCTGGCTCTCCATAGATGGATTCACAACTACCTGATGTCACCTGATTGTTACATCTTTGATCCG
GAACATAAGAAGGTCTGTGAGGATATGAAGCAACCTCTGTCTACTTTATAAACTCATCTCATAATA
CATACTTAATAGAGGATCAGTTCCGGGGTCCCTCTGACATCACGGGATATATCCGCGCTCTGAAAATGGG
TTGAGGAGCGTTGAATTAGATGTGTGGGATGGGCCAGATAATGAGCCTGTGATTACACAGGCCACACC
ATGACCTCTCAGATAGTCTTCCGACGCTCATGCACATCATTAAAGTACGCGTCTTTGCTTCTGAGT



ATCCTCTCATCTTATGTTTAGAAAACTGCTCTATTAACAACAGAAGGTGATGGTTCAACACATGAA
 GAAAAATTTAGGAGACAAGCTGTATACGACATACCCAACATGGAGGAATCTTATCTACCATCCCCAGAT
 GTCCTGAAAGGGAAAAATACTAATCAAAGCAAAGAAGCTGTCTTCAAATGCTCCGGCGTGGAAAGGGGATG
 TTAAGGAGTTTCAGGTGTCGTTTCAGGTGCAGAAGTACTGGGAAGTGTGCTCCTTAATGAAGTACTTG
 CGAGTAAATACGCCAATGAGAACCCCGGGGACTTTGTGAATACAATAAGCGTTTTCTCCGCCAGGTCTT
 CCTAGTCCAATGAGAATTGACTCAAGCAACATGAACCCTCAGGATTTTTGGAAATGTGGCTGTCAGATT
 GTAGCCATGAACCTCCAGACTCCAGGGCTGATGATGGACCTAAACGTTGGCTGGTTTAGGAGAATGGAA
 ACTGTGGCTATGTTCTTCGACCAGCCATCATGAGGGAAGAAGTCTCCTTCTTCAGTGCCAACACCAAGGA
 CTCTGTCCAGGAGTTTACCTCAGTTGCTTACATCAAATCATCAGCGCCAGAACTTTCCAAACCC
 AAAGGGTCGGGTGCCAAAGGTGACGTGGTGACCCTTATGTCTATGTGAAATCCACGGAATTCCTGCCG
 ACTGCGCGGAGCAAAGGACAAAAACGGTGAACCAGAATGGAGATGCTCCTATTTTACGAGAGCTTTGA
 GTTTCAGATTAACCTCCCTGAAGTACCCATGGTGCCTTTGTGCTGCTGGACGACTACATCGGCGAT
 GAGTTCATCGGCCAGTACACCATTCCCTTCGAGTGTTCACAGACGGGCTACCGCCATGTGCCTCTGCAGT
 CCTGACTGGAGAGTCCCTCGCCACGCTTCTCTGTTCTGTCACGCTGCTATTACTAACAGGAGAGGGGG
 AGGGAAGCCTCACAACGGGGCCTTTCCGTGAGGAAAGGAAAAAGTCCCGGGAATATGCCTCTCTGAGA
 AACTGTGGATTAATACTGTAGACGAGGTGTTCAAGAAGCCAGCCCCCATACGGGATGCCACGGACC
 TGAGAGAGAACATGCAGAATGCAGTGGTGTGTTCAAAGAGTTGTGTGGCCTCTCCTCCGTGGCCAACT
 CATGCAGTGCATGCTTGGCGTCTCCTCGATTCTGGGGCTGACAATAACCCCTGGTGGTCTTGAAC
 CTTAGTGAGCCCTACCCACCATGGAGCTGCAAGCCATCGTGCCTGAGGTGCTGAAGAAGATTGTAACAA
 CTTATGACATGATGATGCAGTCCCTCAAGGCAGTATTGAAAATGCAGACGCTGTGTATGAAAAGATCGT
 GCAGTGCAGAAGGCAGCCATGGAATTTTCACTGCAACTGCACAGCATAGGCCAACGAGGGGGTGAAG
 GAACGGAAACTACAGAAGGCAGTGGAGAGCTTTACCTGGAATATTACAATCTTAAAGGGGCAAGCGGATC
 TTCTGAAATATGCTAAGAATGAGACCCTGGAGAACCCTGAAGCAGATCCACTTTGCAGCTGTTTCTGTGG
 ACTGAACAAACAGGCACTGAAAACCTCCGAGGCCAGAAGCCACGCCGGAGCCTAGAAGCCATCCCCGAG
 AAAGCCAGTGTGAAAATGGAGCTAA

ACGGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-NotI

ACCN:

NM_013880

Insert Size:

3387 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_013880.3, NP_038908.2](#)

RefSeq Size: 4068 bp

RefSeq ORF: 3387 bp

Locus ID: 224860

UniProt ID: [Q8K394](#)

Cytogenetics: 17 C

Gene Summary: May play an role in the regulation of Ins(1,4,5)P3 around the endoplasmic reticulum.
[UniProtKB/Swiss-Prot Function]