

Product datasheet for **RR200592**

Plcd4 (NM_080688) Rat Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Plcd4 (NM_080688) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Plcd4 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide
Sequence:

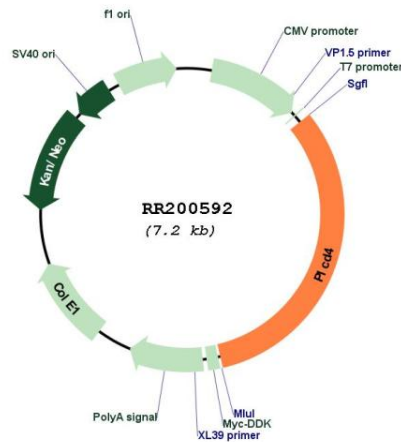
>RR200592 representing NM_080688
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATCTCAGATTCAAAGCTACTGACCACTAATCAGGACCTGCTGCTGATGCAAAAAGGAACGATGA
 TGCGCAAGGTGAGGACCAAAAGCTGGAAGAAGCTAAGATACTTCAGACTTCAGGATGACGGCATGACGGT
 CTGGCATGGGCGGCACCTTGAAAGCATATCCAAGCCACTTTTTCAATCTCTGATGTGGAGAGGATCCGT
 AAGGGCCAGGATTCTGAGCTGTTGCGCTATCTGGTGAAGAGTTCCTCCCTGGAGCAAGGCTTCACCATTTG
 TCTTTAATGGGCGCCGCCAACCTGGACCTAGTGGCCAACAGTGTGAAGAGGCCAGACTGGATGCG
 AGGACTCCAGCTGTTGGTGGATCTGTCGCCAGAATGAACTACCAGGAGCAGCTGGATCAAATGTTGAGA
 GAATGGTTCCAACAAGCAGACAGAAACCAGGACAGCCGGATGAGTTTCAGAGAAGCTCAACGGCTGCTGC
 TTCTGATGAATGTGAAATGGATGAAGAATATGCCTTCAGTCTTTTTCAGGAAGCAGATGTTTCCCAATC
 TAATACTCTGGATTCAGAAGAATTTGTACAGTTCTATAAGGCCCTGACTAAGCGCACTGAGATTGAAGAA
 CTATTTGAGAACTTTTCATCTGACAAACAGAAGCTGACCTTGCTGGAATTTGTAGATTTCCCTTAGAGAGG
 AACAGAAAGAAAGCGACCATTCCTCTGACCTTGCTCTGAAACTCATTGACCGCTATGAGCCTTCTGAGAA
 TGGCAGATTGCTACGTGTGCTGAGCAAGGATGGCTTCTCAGCTACCTCTGCTCAGCGGATGAAACATC
 TTCAACCCCGACTGCCTCCCTATCTATCAGGATATGACTCAGCCTCTGAGTCACTACTACATCAACTCCT
 CTCACAACACCTACCTACTGGGTGACCACTTTTGTGGCCAGAGCAGCGTTGAAGGATACATACGGGCCTT
 GAAACGGGGTGCCGCTGTGTGGAGTGGATACATGGGACGGACCTGACGGAGAGCCCGTTGTTTATCAT
 GGGCGTACACTGACCTCTCGTATCTGTCAAAGATGTTTTGGCAACATTAGACAATATGCCTTCCAGT
 CGTCAGACTACCACTCATCTTATCTCTGGATAACCACTGCACCTGGGAACAGCAGAAGACCATGGCACA
 CCATCTGATTGCGATCCTGGGAGAGCAGCTGCTGAGTACCACCCTAGAGGAACAACCTGATTGATATAATG
 CCCTCGCCAGAGCAGCTTCGGGGGAAGATCTTGGTAAAAGGAAAGATTGAGAACAATTGAGGTTGTTG
 AGTCTGACAAGGAGGAAGAAGAGCTGGAGAAAGATGAGGGGTGAGATCTGGACCCAGCCTCCGCTGAGCT
 TGACATGCAGTCTCAGCCGAGTCCCAGGAGCAGGCTCTGGGAACAAGCAAGAACAAGAAGAAGTTT
 CTTCTCCAGAGTCCACAACCATCTATGCCAGACCTATCTGCCCTGGTTGTCTACTTGAGGACTGCTC
 CCTTCTGCAGCTCACTCACTCCAAAGAAAACCTACCACATCTACGACATTTATCCTTTTCTGAGTCCAA
 GGCCAAGAACCTCATCAGGGAGGCAGGCAATGAGTTTGTACAGCACAATGCCAGACAGCTATGCCGTGTA
 TACCCAGTGGTCTGAGGACAGATTCATCGAACTATAACCCCAAGAACTGGAATGTTGGCTGCCAAA
 TGGTGGCCATGAACATGCAGACTGCAGGAAGTGAATGGACATCTGTGATGGGCTCTCCGCCAGAAATGG
 GGGCTCTGGCTATGTGCTGAAGCCAGAATTCCTGAGAGATACCCAGAGTTCCTTCAATCCATGAAGCCC
 GTTAGTCTTTATAAAGCCAGATCCTTGTAGTCCAGGTGATCAGTGGTCAAAGACTCCCCAAAGTGGACA
 AAACCAAGAGACAACCGTTGTGGATCCACTGGTGAAGTAGAGTCTATGGTGTTCCTGAAGACACAAA
 GCAGCAAGAGACCAGCTATGTGGAGAACAATGGTATTAATCCATACTGGGGGAGACATTCTATTTCCAG
 ATCCAGGTGCCTGAACTTGCTATGCTGCGTTTTGTGGTAAAGGATTATAGCAGGACATCCCGAAATAACT
 TTATAGGCCAATACACCTGCCTTGGACCTGCATGAAACATGGCTACCGACATGTATCCTTGCTCTCAA
 AGACGGCACTAGCCTCCATCCAGCCTCCATCTTTGTGTACACCTGCATGCAAGAAGACCTGGATATGGAT
 GAGCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

| | |
|-------------------------------|---|
| 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: | <ol style="list-style-type: none"> 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: | <u>NM_080688.1</u> , <u>NP_542419.1</u> |
| RefSeq Size: | 2696 bp |
| RefSeq ORF: | 2319 bp |
| Locus ID: | 140693 |
| UniProt ID: | <u>Q62711</u> |
| Cytogenetics: | 9q33 |
| MW: | 89 kDa |
| Gene Summary: | mediates signal transduction by generating two second messenger molecules, inositol 1,4,5-trisphosphate (IP) and diacylglycerol, from phosphatidylinositol 4,5-bisphosphate (PIP) [RGD, Feb 2006] |

Product images:


Circular map for RR200592