

Product datasheet for RN211296

Plcl1 (NM_053456) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plcl1 (NM_053456) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plcl1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211296 representing NM_053456 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGCTGAGGGCGCGGCTAGCAGGGAGGCTCCGGCGCCTCTCGACGTTGCGGGGGCGAAGACGACCCTC
GAGCCGGCGCGGATGCTGCCTCCGGGGACGCTGCACCCGAGGCCCTCGGGGGCGGGATGAGGGACCCTCG
CAGCGGGGTTGCGCTGCCGGGAATGCGGGGGTCCCCGCGGATAGCGAGGCTGGCCTCCTGGAGGCGGCA
CGAGCGACCCCGCGCAGGAGCATCAAGGATCCTCAAACCAAAAATGTGGTGGCAGAAAAGAAAA
CAGTGTCTTTAGCAGCATGCCATCGGAGAAGAAGATTAGCAGTGCCCATGACTGCATTGCTTCATGCA
GGCTGGCTGCGAGCTGAAGAAAAGTGCAGCGAACTCTCGCATCTACAACCGATTTTTACCCCTAGACACT
GACCTCCAGGCTCTACGCTGGGAACCTTCCAAGAAAGACCTCGAAAAAGCCAAGCTGGACATTTCTGCCA
TCAAAGAGATCAGGCTGGGAAGAACACGGAGACATTCAGAAACAATGGCCTTGCTGACCAGATCTGTGA
AGACTGTGCCTTCTCCATACTCCATGGGAAAATTACGAGTCTCTGGACCTAGTTGCCAATTCAGCAGAT
GTAGCAAACATCTGGGTGTGCGGGTTACGGTACCTGGTCTCTCGCAGTAAGCAACCATTGACTTTATGG
AGGGCAACCAGAACACACCACGGTTCATGTGGCTGAAAACGGTGTGTTGAAGCAGCAGATGTTGATGGAA
TGGGATTATGTTAGAAGATACCTCGGTGGAGTTAATAAAACAACCAACCCTACTCTGAAGGAATCTAAG
ATCAGGTTAAAGTTAAAGAAATCCAGAAGAGCAAAGAAAACTAACTACCCGGGTAACAGAAGAGGAAT
TCTGTGAAGCGTCTGTGAACCTTGCACCTAGACCAAGAGTGTATTTCTTACTTGTTCAGATATCTAAGAA
CAAAGAGTATCTGGATGCTAATGACCTCATGCTCTTTTTAGAAGTTGAGCAAGGGGTACCCCATGCTCACT
GAGGATATGTGCTTAGACATCATTAGGAGATACGAACTTCTGAAGATGGCCGCCAGAAAGGCTTCCTTG
CAATTGATGGCTTACCCAGTATTTATTTCTCCAGAATGCGACATTTTTGATCCAGAGCAAAAAGAGGT
TGCCCAAGACATGACCAACCTTATCTCACTACTATATCAATGCGTCCCATAATACCTACCTGATAGAA
GATCAGTTCAGGGGGCCAGCTGATATCAATGGGTATGTGAGGGCTTTGAAGATGGGCTGTGCAAGCATTG
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TTCTTTTCAAGTGTCTGGAGGTGATAAATAAGTTCGCCTTCGTCGCTTCAGAGTACCCACTATTCTC
TGCTTGGGGAATCACTGTTCCCTGCCACAGCAGAGGGTCATGGTTCAGCAGATGAAAAAGGTGTTTGCCA
ATAAACTTTATACAGAAGCACCTCTGTCTTCAGAACTCCTACCTCCCGTCGCTGAAAACTAAAACATAT



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GATCATTGTGAAAGGAAAGAAATTGCCTTCGGAGTCAGATCTGTTAGAGGGAGAAGTGACCGACGAGGAT
 GAAGAAGCTGAGATGTCCCGGAGGGTGTGGGAGATTACAACGGTGAGCAGAAACATATCTGGCTGTC
 GAGAGCTCTGACTTGGTATCCATCTGTAATCCGTTTCAGTACAGGGATTTTGAAGTGTCTATGAAAC
 CCAGAACTACTGGGAAATTTGTTCAATTTAGTAAAACATTTGGCCAGCCGGATCGCAAATGAGTATCCAGAG
 GATTTTCGTGAATTATAACAAGAAGTTCTTATCAAGGGTCTACCCTAGTGCCATGAGGATAGATCCAGTA
 ATTTGAACCCACAGGACTTCTGGAATTGTGGCTGTCAGATTGTGGCAATGAATTTTCAAACCTCTGGTCC
 AATGATGGACCTCCACACCGGCTGGTTTCTTCAAATGGGGGCTGTGGCTACGTCCTCAGGCCATCTATC
 ATGCGAGATGAAGTTTCGTACTTTAGTGCAAACACAAAGGGCATTGTCCCTGGAGTGTCTCCCTGCTTC
 TTCACATCAAGATCATCAGTGGTCAGAACTTCCCAAAGCCAAAGGAGCTTGTGCCAAAGGGGATGTCAT
 AGACCCCTACGTTTGTGTAGAGATTCATGGAATCCAGCTGATTGCTCCGAGCAAAGAACTAAAAGTGA
 CAACAGAACAGCGATAATCCCATTTTCGATGAACTTTTCGAGTTTCAAGTCAACCTTCCCGAGCTGACCA
 TGGTCCGTTTTGTCATTTTGGATGATGATTACATTGGAGATGAGTTCATTGGGCAATACACGATACCGTT
 TGAATGTCTGCAACCTGGGTACCGCATGTCCCTTGCCTCTTTGTGGGGATATCATGGAACATGTG
 ACCCTTTTGTCCACATAGCAATAACCAATCGGAGTGGCGGAGGAAAAGCGCAGAAGCGAAGTCTTCCG
 TGAGAATGGGGAAGAAAGTTTCGAGAATACACCATGCTCAGAAATATCGGTCTTAAAACCATAGATGAT
 CTTCAAATAGCAGTTTATCCTTTGCGAGAAGCCATAGATATGAGAGAAAACATGCAAGAACCCATAGTG
 TCTGTTAAGGAGCTGTGTGGACTCCCACCGATTGCCAGTCTGAAACAGTGCCCTGTTAACCTGTCCTCTC
 GTCTCATCACCAGTGATAGTACTCCCTCCGTGTCTCTGGTGTGATGAAGGACTGCTTTCTTACCTGGAGCC
 TCTGGGCACAATTCCAGATGTGCAGAAGAGGATGCTGGCTGCATATGATCTGATGATTCAAGAGAGTCGG
 GTCCTCATAGAAATGGCTGACACAGTCCAGGAAAAAATTTACAGTGTGAGAAAGCAGGGATGGAATTCC
 ATGAAGAACTTCATAATCTAGGGGCAAAGGAAGGCTTGAAGGGAAGAAACTCAACAAGGCCATCGAGAG
 CTTTCGTTGGAATATTACTGTATTGAAGGACAAGGAGACCTGCTGAAGAATGCCAAGAATGAAGCCGTA
 GAGAACATAAAGCAGATCCAGCTGGCCTGTTTGTCTTGTGGACTGAGTAAAGGCCCTGGCAGCGCTGCAG
 AGGCCAAGGGCAAGCGCAGCTTGAAGCCATAGAGGAGAAGGAAAGCAGTGAAGAGAACGGGAAGTTGTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_053456

Insert Size:

3291 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_053456.1](#), [NP_445908.1](#)

RefSeq Size: 5233 bp
RefSeq ORF: 3291 bp
Locus ID: 84587
UniProt ID: [Q62688](#)
Cytogenetics: 9q31
Gene Summary: inositol 1,4,5-trisphosphate binding protein [RGD, Feb 2006]