

Product datasheet for **MC219931**

Pls1 (NM_001033210) Mouse Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Pls1 (NM_001033210) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Pls1 |
| Synonyms: | A1427122 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

Fully Sequenced ORF: >MC219931 representing NM_001033210
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAAAACAGTACCACCACCTTTCTCGGGAGGAGCTTGAAGAGCTACAAGAAGCGTTTATAAAATAG
 ATATTGACAACAGTGGATATGTTAGTGACTATGAACTTCAGGACCTATTTAAGGAGGCAAGCCTTCCCCT
 TCCTGGGTACAAGGTGCGCGAGATTGTGGAGAAAATATTAGTAGTTGCCGACAACAACAAAGATGGTAAA
 ATCAGTTTTGAGGAGTTCGTGTCGCTGATGCAAGAGCTAAAAAGCAAAGATATCAGCAAAACGTTTCGAA
 AAATAATTAACAAAAGGGAAGGGATCACTGCCATCGGGGGGACGTCATCCATCTCCAGCGAGGGCACCCA
 GCATTCGTA CTAGAGGAAGAAAAGTGGCTTTTGTGAAGTGGATAAACAAAGCTCTGGAGAATGATGCA
 GACTGTAGCCACCTCTACCCATGAACCCCAACGACGGCAGCCTTTTCAAGTCGCTGGCAGATGGCATCC
 TTCTCTGCAAAAATGATCAACTTATCCGAGCCAGATACGATTGACGAGAGAGCCATCAATAAGAAGAAGCT
 CACTCCGTTACGGTGTGGAAAATCTGAACCTAGCACTGAACTCTGCCTCGGCCATCGGTTGCACCGTG
 GTC AACATTGGTCTCAGGACCTCAAGGAAGGAAAGCCTCACTTGGTCTTGGGGCTTCTCTGGCAGATCA
 TCAAAGTGGGTCTTTTGTCTGATATCGAGATTTCCAGGAATGAAGCCTTGATCGCGTTGCTAAAAGATGG
 CGAGGACCTGGAGGAGCTGATGAAGCTCTCTCCTGAGGAACTGCTGCTCCGATGGGTGAACTACCATCTG
 ACCAATGCGGGCTGGCGCACCATCAACAACCTTCAGCCAGGACATCAAGGATTCAAAAGCCTATTTCCACC
 TTCTTAATCAGATTGCTCCTAAAGGCGACCGAGATGATGGGCCTGCCGTAGCCATTGATCTTTCCAGGATT
 TAATGAGAAAAACGACCTGAAGCGTCTGGATTTATGCTCCAGGAAGCGGATAAACTTGGCTGCAGACAG
 TTTGTCACTCCTGCAGATGTGGTTTCAGGAACCCTAAGCTAACTTAGCCTTTGTAGCGAATCTTTTTA
 ACACATACCCATGCCTACACAAGCCTGACAATAATGACATTGATCTCACTTACTGGAAGCGGAGAGCAA
 GGAGGAGAGGACATTCGCAACTGGATGAACTCGCTGGGCGTGAACCCGTACATCAATCACCTGTACAGT
 GACCTTGACAGACGCTTTGGTGATCTTTCAGCTCTACGAGATGATCCGCGTGCCAGTCAACTGGAGCCAGG
 TGAACAAGCCTCCGTACCCTGCTCTGGGAGGAAACATGAAGAAGATTGAAAACCTGAACTACGCGGTGGA
 GCTTGGGAAGAATGAGGCCAAGTTCTCTTTGGTTGGCATCGCCGGGACGACTTAAATGAAGGGAACGCA
 ACACCTACCCTGGCACTGGTGTGGCAGTTGATGAGAAGATACACGCTGAAAGTGTATCAGACCTTGGAG
 AAGGTGAAAAGTCACTGATGATATCATTATTAATGGGTCAACCAGACCCTTAAAAGTGAACAACAGAG
 CACTTCTATTTCCAGCTCAAGGATAAATCTATTAGTACAAGTTGCCTGTCTTAGATCTAATAGATGCC
 ATTGCAACCAATGCAGTCCGTCAAGAAATGATCAAGAGAGAGCACTTGACTGATGAGGACAACTGAACA
 ATGCTAAATACGCCATTTCAAGTTCGCGAAGATCGGTGCCCGGATATACGCGCTGCCTGACGACCTCGT
 GGAAGTGAAGCCGAAGATGGTGATGACTGTGTTTGCCTGCTTAATGGGGAAGGATTGAACAGACTGAAA
 TAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033210
- Insert Size:** 1893 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_001033210.3](#), [NP_001028382.1](#)

RefSeq Size: 3697 bp

RefSeq ORF: 1893 bp

Locus ID: 102502

UniProt ID: [Q3V0K9](#)

Cytogenetics: 9 E3.3

Gene Summary: Actin-bundling protein in the absence of calcium.[UniProtKB/Swiss-Prot Function]