

Product datasheet for **RN215163**

Polm (NM_001011912) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Polm (NM_001011912) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Polm
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215163 representing NM_001011912
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTTCCGAAGCGACGGCGGGTGGCAGCAGGGTCCCACACAGCGCTTTAGCCTTCCACGCCCC
 CAGCGGGCGCCTTCCCGGGTAGCCATCTACCTTGCAGGAGCCGAATGGGCCGAGCCCGGGCCTT
 CCTCACTCGCCTGGCGGGTCCAAGGCTTCCGCATCCTAGATGTTTACAGCTCAGAGGTGACACATGTG
 GTGATGGAGGAGACCTCAGCCAAGGAGGCCATCTGCTGGCAGAAGGACATGAATGCTTCTCCAGACT
 GCCCGCAGCCGGCTCTGCTAGATATTAGCTGGTTTACAGAGAGCATGGCAGCAGGACAGCCTGTCCCTGA
 GGAGGTCCGGCACCGCTGGAGGTAGCTGAGCCCAGGAAGGAACCCCCATCTCAGTGACGATACCAGCT
 TATGCCTGTCAGCGCCCCTCGCCTCTCACACCCATAACACTCTCCTCTCAGAGGCTCTGGAGACTGG
 CGGAGGCAGCGGGCTTCAAGGCAAGAGGGCCGTTTTCTCACCTTCTACAGAGCAGCCTCCATGCTCAA
 GTCCCTACCCTACCCTGTACATCTTTGAGCCAGCTGCATGGACTGCCTTACTTTGGGGAACATTCCTTT
 AGAGTAATCCAGGAGCTGCTAGAACATGGAACGTGTGAGGAGGTGGAACAAATCCGTTGCTCAGAAAGGC
 ACCAGACCATGAAGCTCTTACCACATCTTCGGGGTGGGGTGAAGACTGCTAGCCGGTGGTACCAGGA
 AGGGTACGAACCCTGGATGAGCTCAGAGAGCAGCCCCAGAGACTGACCCAGCAGCAGAAAGCAGGGCTG
 CAGTATTACCAGGACCTGAGCACCCAGTTAGCCGGGCAGAGGCCGAGGCTCTGCAGCAGTTGGTAGAGG
 CAGCCATGAGGGAGATCTGCCCGAGCCACTGTACACTGACTGGCGGTTTCCGAAGGGGGAAGTTACA
 AGGTGATGACGTGGACTTCTTATCACCCACCTGAGGAGGGCCAAGAAGTAGGGCTGCTGCCAGAGTG
 ATGAGGTGCCTTCAGAGCCAGGGACTTGTGCTGTACCACAGTACCATCGCAGCCACTTAGCGGACTCTG
 CCCACATCCTGCGGCAGAGGTCCACCATGGATGCTTTTGGAGAGGTTTCTGCATCTTGGCTTGCCACA
 GTCCCAACAGGCAGCTTTAGAGGGGCCCTGCATCCCTGCCAACCTGGAAGCTGTGAGGGTAGATCTT
 GTGGTCACTCCCAACAGCCAGTTCCCTTTGCTCTTCTGGCTGGACTGGCTCCCAGTTTTTTGAGAGGG
 AGCTACGGCGATTAGCCGGCAAGAGAAGGGGCTGTGCCTTAATAGCCACGGGCTGTTTGTCTGAGCG
 GAAGACATTTTTCCACGCAACTTCTGAGGAAGATGTTTTAGGTTCTGGGTCTCAAGTATCTTCTCCA
 GAGCAGAGAAATGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001011912

Insert Size: 1488 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_001011912.1](#), [NP_001011912.1](#)

RefSeq Size: 2896 bp

RefSeq ORF: 1488 bp

Locus ID: 289757

Cytogenetics: 14q21