

## Product datasheet for **MC219993**

### **Papolb (NM\_019943) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Papolb (NM_019943) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Papolb
Synonyms:	PAP; Paplob; Papola-ps; Papt; Plap-ps; Tpap
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219993 representing NM\_019943  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGCCATTTGCGGTGACCACCCAAGGAGCACAAACCGGCTCCCGCCCCGAAGCAGTTCGGCATAT  
 CGTCCCCCATCAGCCTGGCCGCCCCCAAGGACACAGACCAGAACTCACCCAGAAGCTGATCGAGACCCT  
 CCAGCCCTTCGGGGTGTGTTGAAGAGGAAGAGAACTGCAGCGCAGGATTTAATTTTGCAGAAATTAAT  
 AATCTGGTGAAGGAATGGATCCGAGAAATCAGTAAAAGCAGGAATCTTCCACAAGCTGTAATTGAGAATG  
 TTGGGGGGAAAAATTTTACGTTCCGGCTCTTACCGATTAGGAGTACACACGAAAGGTGCAGATATCGATGC  
 TTTGTGCGTTGCACCAAGACACGTGGATCGAAATGACTTTTTTACCTCCTTCTATGACAAATTGAAACTA  
 CAAGAGGAAGTAAAAGATTTAAGAGCTGTTGAGGAGGCCCTTTGTGCCGGTTATCAAAGTGTGTTTGTGAT  
 GAATAGAGATTGATATTTGTTTGAAGATTAGCATTGCAGACTATTCCAGAAGATTTGGACCTACGAGA  
 TGATAGTCTGCTTAAAAATTTAGATATTAGGTGCATAAGAAGCCTAACGTTGCCGGTAACTGATGAG  
 ATTTTACATCTAGTACCAAACATTGACAGCTTCAGGTTAACACTGAGAGCCATCAAATATGGGCCAAAT  
 GCCACAACATCTATTCCAATATATTGGGTTTCTTGGAGGTGTTTCTGGGCTATGCTAGTAGCAAGAAC  
 TTGCCAGCTTTACCCAAATGCAATAGCATCCACTCTTGTGCGAAAATTTTCTTGGTGTGTTTCTGAGTGG  
 GAATGGCCAAATCCAGTGTGTTAAAAGAACCAGAAGAACGAAATCTTAACTTGCCTGTATGGGACCCAA  
 GAGTGAATCCTAGTGACAGGTACCATCTTATGCCTATAATTACACCAGCATACCCACAGCAGAATCCAC  
 GTACAAATGTGTCTGTTTCGACCAGGATGGTCATGATTGAGGAGTTTAAACAAGGACTTGCATCACACAT  
 GAAATTCGCTGAATAAGGCAGAATGGTCCAACTTTTTGAAGCTCCAAGCTTTTTTCAAAAATACAAGC  
 ATTATATTGACTTCTGGCAAGTGCCCAACAGAGAAACAACATTTAGAGTGGTGGGCTTGGTGGGAATC  
 AAAGATCCGAATCCTGGTTGGGAGCCTGGAAAAGAATGAGTTCATTACTCTGGCTCATGTGAATCCTCAG  
 TCGTTTCCAGCACAAAAGAACTGCTGACAAGGAAGAATTTCTACTATGTGGGTGATCGGTTAGTGT  
 TGAAGAAGCCAGAAAACCTGAAATTCAGTATTGATCTCACCTATGATATTCAGTCTTTCACAGATAC  
 AGTGTACAGACAAGCAATAAATAGTAAGATGTTTGAGATGGATATGAAGATTGCTGCAATGCATCTAAGA  
 AGGAAGGAACTTCATCAGCTACTTCCAAATCATGTTCTTCAGAAAAGGAAACCCATTTAACAGAAAGTG  
 TAAGGCTGACAGCTGTGACTGACAGCAGCCTTCTCTTGTCTATAGACAGTAAAACAGCATGACTGCTCC  
 TTCACCTACTGGCACTATGAAGACAGGTCCACTGACTGAAAACCCCTCAGGGCAGAAACAGTCTGCTCTG  
 GCTGTTATGGCAGCATCTGTGACCAACATACAGTTTCTGATGTTTCTTGCAGCATGTGAATCCCATAG  
 AAAGCTCAGGAATTGCACTGAGTAAAAGCATCCCTCAGATTCCCTCACAACCTACCATTTACCACCACC  
 TAAGCCTACAATGACCAGAGTGGTTTCTTCGACACATCTGGTAAACCATCCATCTAGACCTTCAGGAAAT  
 ACAGCAACGAACATACCAATCCTATACTAGGAGT**CTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_019943
- Insert Size:** 1929 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\\_019943.2](#), [NP\\_064327.1](#)

**RefSeq Size:** 2337 bp

**RefSeq ORF:** 1929 bp

**Locus ID:** 56522

**UniProt ID:** [Q9WVP6](#)

**Cytogenetics:** 5 G2