

Product datasheet for **MC221226**

Papola (NM_011112) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Papola (NM_011112) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Papola
Synonyms:	Pap; PapIII; Plap
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221226 representing NM_011112
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCGTTTCAGTTACAACGCAGGGATCACAAACGCAGCCACCACAGAGGCACTATGGCATTACCT
 CTCTATCAGCTTAGCGGCCCAAGGAGACTGACTGCCTACTCACACAGAAGCTCATCGAGACCGTGAA
 GCCCTTTGGGGTTTTTGAAGAAGAAGAGGAACTGCAGCGCAGGATTTTAAATTTGGGAAAATTAATAAC
 CTGGTGAAGAATGGATTCGAGAAATCAGTGAAGCAAGAATCTCCACAATCTGTAATTGAAAATGTTG
 GAGGGAAGATTTTACATTTGGATCTTACAGACTAGGAGTCCACACGAAAGGTGCTGATATTGATGCGTT
 GTGTGTTGCACCAAGACATGTTGATCGAAGTGACTTTTTACCTCATTCTATGATAAATTGAAATTACAA
 GAAGAAGTGAAGATTTAAGAGCTGTTGAAGAGGCATTTGTACCAGTTATCAAACCTGTTTTGATGGAA
 TAGAGATTGATATTTGTTTGAAGATTAGCACTGCAGACTATCCAGAAGATTTGGACCTACGAGATGA
 CAGTCTGCTTAAAAACCTAGATATAAGATGCATAAGAAGCCTTAATGGTTGCAGGGTAACCGATGAAATT
 TTACATCTAGTACAAACATTGACAACCTCAGGTTAACTCTGAGAGCCATCAAACGTGGGCCAAACGGC
 ACAACATCTATTCCAATATATTAGGTTTCTCGGTGGTGTTCCTGGGCTATGCTAGTAGCAAGAATTG
 CCAGCTTTATCCAAATGCAATAGCATCAACTCTGTACATAAAATTTTCTTGGTATTTTCTAAATGGGAA
 TGGCCAAATCCAGTGCTATTGAAACAGCCTGAAGAATGCAATCTTAATTTGCCTGTGTGGGACCCAAGGG
 TAAACCCAGTGATAGGTACCATCTTATGCCTATAATTACACCAGCATACCCACAGCAGAAGTCCACGTA
 CAATGTGTCGGTTTCAACACGGATGGTCATGGTTGAGGAGTTTAAACAAGGTCTTGCTATCACAGATGAA
 ATTTTGTGAGTAAGGCAGAGTGGTCCAACTTTTTGAAGCTCCAACTCTTTTCAGAAGTACAAGCATT
 ATTTGTACTTCTAGCAAGTGCAGCCACGGAAAAGCAGCGTCTGGAATGGGTGGGCTTGGTGAATCAAA
 AATCCGCATCCTGGTTGGAAGCTTGAGAGAAGAATGAGTTTATTACACTGGCTCATGTGAATCCCCAGTCA
 TTTCCAGCCCCAAAGAAAGTCCTGACAGGGAAGAATTCGCACAATGTGGGTGATTGGGTAGTGTTTA
 AAAAACTGAAAATCTGAAAATCTCAGTGTGACCTCACCTATGATATCCAGTCTTTCACAGACACAGT
 TTATAGGCAAGCAATAAACAGCAAAATGTTTGAGTTGGATATGAAGATTGCAGCAATGCATGTGAAGAGA
 AAGCAACTCCATCAGCTGCTGCCTAGTCACGTGCTTCAAGAGGGAAGAAGCATTCAACAGAAGGAGTCA
 AGTTAACAGCTCTGAATGACAGCAGCCTTGACTGTCTATGGACAGTGATAACAGCATGTCTGTGCCTTC
 ACCCACCAGTGTATGAAGACCAGTCCATTGAATAGTTCTGGCAGCTCCCAGGCAGAAACAGTCCCTGCT
 CCAGCTGTGACCCAGCATCTGTGACCAGCATCCAGGCTTCTGAGTTTTCTGTACCGCAAGCAAATTTCCA
 GTGAAAGCCCAGGGGTCATCGAGCGAAAGCATTCTCAAACCTGCCACACAGCCAGCCATTTCTCCACC
 ACCAAAGCCTACAGTCTCCAGAGTTGTCTCCTCAACACGACTGGTAAACCCATCGCTAGACCTTCAGGA
 AACACAGCAACAAAAGTCCCTAATCCTATAGTAGGAGTCAAGAGAAGCCTCACCCAATAAAGAAGAAA
 GTCCTAAGAAAACAAAACAGAAGAGGATGAAACAAGTGAAGTGTAACTGTCTTGGTTGAGTGGACA
 TGATAAAACAGAGACAAAGGAACAAGTTGATCTGGAGACAAGTGGGTTCAATCAGAAACTGTTCCGGCA
 TCGGCTTCTGTTGGCCTCTCAGAAAACATCCAGTACAGACCTTCTGATATCCCTGCTCTCCCTGCAA
 ATCCTATTCTGTTATCAAGAATTCAATAAACTGAGACTGAATCGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011112
Insert Size: 2220 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:	<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_011112.3</u> , <u>NP_035242.1</u>
RefSeq Size:	4518 bp
RefSeq ORF:	2220 bp
Locus ID:	18789
UniProt ID:	<u>Q61183</u>
Cytogenetics:	12 E
Gene Summary:	<p>Polymerase that creates the 3'-poly(A) tail of mRNA's. Also required for the endoribonucleolytic cleavage reaction at some polyadenylation sites. May acquire specificity through interaction with a cleavage and polyadenylation specificity factor (CPSF) at its C-terminus.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>