

Product datasheet for **SC127314**

PAPOLA (NM_032632) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAPOLA (NM_032632) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAPOLA
Synonyms:	PAP; PAP-alpha
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC127314 sequence for NM_032632 edited (data generated by NextGen Sequencing)

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ATGCCGTTTCCAGTTACAACACAGGGATCACAACAAACACAACCGCCACAGAAGCACTAT
GGCATTACTTCTCCTATCAGCTTAGCAGCCCCAAGGAGACTGACTGCGTACTTACACAG
AAACTAATTGAGACATTGAAACCTTTGGGGTTTTTGAAGAGGAAGGAACTGCAGCGC
AGGATTTTAATTTTGGGAAAACAAATAACCTGGTAAAAGAGTGGATACGAGAAATCAGT
GAAAGCAAGAATCTTCCACAATCTGTAATTGAAAATGTTGGAGGAAAAATTTTACATTT
GGATCTTACAGATTAGGAGTGCATACAAAAGGTGCTGATATTGATGCGTTGTGTGTGCA
CCAAGACATGTTGATCGAAGTGACTTTTTACCTCATTCTATGATAAGTTGAAATTACAG
GAAGAAGTAAAAGATTTAAGAGCTGTTGAAGAGGCATTGTAACAGTTATTAACTCTGT
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GATTTGGATCTACGAGATGACAGTCTGCTAAAAATTTAGATATAAGATGTATAAGAAGT
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TGGCCAAATCCAGTGCTATTGAAACAGCCTGAAGAATGCAATCTTAATTTGCCTGTATGG
GACCCAAGGGTAAACCCAGTGATAGGTACCATTATGCCTATAATTACACCAGCATAC
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GCTACGAAGACCAGTCCATTGAACAGTTCTGGCAGCTCTCAGGGCAGAAACAGTCTGCT
CCAGCTGTAAACAGCAGCATCTGTGACCAACATACAGGCTACTGAAGTTTCTGTGCCACAA
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CAACCAGCCATTTCTCCACCACCAAGCCTACGGTCTCCAGAGTTGTTTCTTCAACACGT
CTGGTAAACCCACCACCTAGATCTTCAGGAAATGCAGCAACTTCAGGAAATGCAGCAACA
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CCCAAGAAAACAAAACAGAAGAGGATGAAACAAGTGAAGATGCTAACTGTCTTGTCTTG
AGTGGACATGATAAAACAGAAGCAAAGGAACAACCTTGATACAGAGACAAGTACAACCTCAA
TCAGAACTATTACAGACGGCTTCTCTGTTGGCCTCTCAGAAAACATCCAGTACAGAC
CTTTCTGATATCCCTGCTCTCCCTGCAAATCCTATTCTGTTATCAAGAATTCAAATAAAA
CTGAGATTGAATCGGTAA
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Clone variation with respect to NM_032632.3

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032632 unedited GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTTAGGACGAAGGGGAA GGAGGAGAAGCGCTTAAAGCGCGGGAGCGGTGCGGGAGAGGGGTTGGACCCAGGGCTGA GGCAGGCCCCCCCTCCCTCCCGCTCAGTGGATCATGCCAGGGCGGCAGCGCGGCGG TTGCGGGGGGAAGTGACTGGGCGGTGCCGGCGCCGAGACGATGCCGTTTCCAGTTACA ACACAGGGATCACAACAAACACAACCGCCACAGAAGCACTATGGCATTACTTCTCCTATC AGCTTAGCAGCCCCCAAGGAGACTGACTGCGTACTTACACAGAACTAATTGAGACATTG AAACCTTTGGGGTTTTTGAAGAGGAAGAGGAACTGCAGCGCAGGATTTAATTTTGGGA AAATAAATAACCTGGTAAAAGAGTGGATACGAGAAATCAGTGAAAGCAAGAATCTTCCA CAATCTGTAATTGAAAATGTTGGAGGAAAAATTTTACATTTGGATCTTACAGATTAGGA GTGCATACAAAAGGTGCTGATATTGATGCGTTGTGTGTTGCACCAAGACATGTTGATCGA AGTGACTTTTTACCTCATTCTATGATAAGTTGAAATTACAGGAAGAAGTAAAAGATTTA AGAGCTGTTGAAGAGGCATTCGTACCAGTTATTAACCTCTGTTTTGATGGGATAGAGATT GATATTNTGTTTGAAGATTAGCACTGCAGACAATTCCTGAAGATTTGGATCTACGAGA TGACAGTCTGCTANNAATAGATATAGATGTATAAGAAGTCTTAACGGNTGCAGGGTA ACCCCGATGAATTTACATCTAGTACCAACATTGACAACCTCAGGTTACTCTGAGAGCTT CAACTTGGNCCCAACGCCNACATCTATTCTATATATG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032632 unedited CCGCGGGCCGAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTAAATCTTATGCCAGTTT GTATTGCAATTTTCAAACAATGCATCAAACATAAACCCAATCCAGATGTCAATTATGA ATACAAATATAGCTTGAGTTGTTTTTTTTTAAAGGCAGTAATTTTGAATAGTTAATGC AACTGTTGCTAACACAATAATAAGTACTCCTGGCTTACATACTAACCTGGACTTCCG ATCAAGTGCTGATTAGCCAGTAAGGGAGGTCACCAAAAAACCCAATCCATTTAGTCA TGTCTAGTCTTGTACCCTCCATTCTCCTTTTTTAGCATTGAAGACAACAGGTTGAGTTG GCAGATATTGTTTATGGACCCCTGAGGTTGTTTTTACCGATTCAATCTCAGTTTTATTGA ATTCTTGATAACAGGAATAGGATTTGCAGGGAGAGCAGGGATATCAGAAAGGCTGTACT GGATGTTTTCTGAGAGGCCAACAGAGAAGCCGCTGTCTGAATAGTTTCTGATTGAGTTGT ACTTGCCTCTGTATCAAAGTGTTCCCTTTGCTTCTGTTTTATCATGTCCACTCAAAGCAAG ACAGTTAGCATCTTCACTTGTTTCATCCTTCTGTTTTGGGTTTCTTGGGACTCTTTT CTTTATGAGTGAGGATGCCTCTTGACTCCTACTATAGGAGTANGTATTTTTGTTGCTGC ATTTCTGAACGTGCTGCACTTCTGAAAGATCTTAAGCGGTGGGTTTTAAGAACGTCG TGAACAAACAACCTTTGGAACCGTTAGCCTTTGTTGTGTGAAAAATGACTTGGTCGGGT GGCATCTTGCGAATCGCTTTCCTCGATTGACCCCTTGAACCTTACCTGAAATAACTTG GGGCCACAAAACCTTAATAACCTCGTTTGTGTCAAAATATGCTGCTGTTACACTTGAA CAGGACTGTTCTTGCCTGAAAGCTGCCAAAACGTTAAATGGAATGGTCTCTCTAAACAC TAAAGGGAAGGGCCACCCTCTCGTT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_032632
Insert Size:	2740 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_032632.3](#), [NP_116021.2](#)

RefSeq Size: 4539 bp

RefSeq ORF: 2238 bp

Locus ID: 10914

UniProt ID: [P51003](#)

Cytogenetics: 14q32.2

Domains: NTP_transf_2, PAP_central

Protein Families: Transcription Factors

Protein Pathways: RNA degradation

Gene Summary: The protein encoded by this gene belongs to the poly(A) polymerase family. It is required for the addition of adenosine residues for the creation of the 3'-poly(A) tail of mRNAs. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Transcript Variant: This variant (1) encodes the longest isoform (1).