

Product datasheet for **SC336451**

PAPOLA (NM_001293628) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAPOLA (NM_001293628) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAPOLA
Synonyms:	PAP; PAP-alpha
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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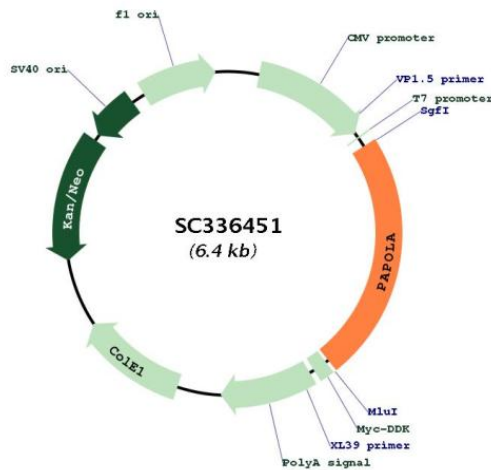
Fully Sequenced ORF: >SC336451 representing NM_001293628.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGTAGTAGCAAGAACTTGCCAGCTTTATCCAAATGCAATAGCATCAACTCTTGTACATAAATTTTTC
TTGGTATTTTCTAAATGGGAATGGCAAATCCAGTGCTATTGAAACAGCCTGAAGAATGCAATCTTAAT
TTGCCTGTATGGGACCCAAGGGTAAACCCAGTATAGGTACCATCTTATGCCTATAATTACACCAGCA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001293628

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:	<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_001293628.1</u>
RefSeq Size:	4407 bp
RefSeq ORF:	1488 bp
Locus ID:	10914
UniProt ID:	<u>P51003</u>
Cytogenetics:	14q32.2
Protein Families:	Transcription Factors
Protein Pathways:	RNA degradation
MW:	54.4 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (5) has an alternate 5' terminal exon, which results in a downstream AUG start codon, compared to variant 1. The resulting isoform (5) has a shorter N-terminus, compared to isoform 1. Both variants 5 and 6 encode the same isoform 5.</p>