

Product datasheet for **SC332163**

PAPOLA (NM_001252007) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PAPOLA (NM_001252007) Human Untagged Clone
Tag: Tag Free
Symbol: PAPOLA
Synonyms: PAP; PAP-alpha
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332163 representing NM_001252007.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCGTTTCCAGTTACAACACAGGGATCACAACAAACACAACCGCCACAGAAGCACTATGGCATTACT
TCTCCTATCAGCTTAGCAGCCCCAAGGAGACTGACTGCGTACTTACACAGAACTAATTGAGACATTG
AAACCCTTTGGGGTTTTTGAAGAGGAAGAGGAAGTGCAGCGCAGGATTTAATTTTGGGAAAATAAT
AACCTGGTAAAAGAGTGGATACGAGAAATCAGTGAAGCAAGAATCTCCACAATCTGTAATTGAAAAT
GTTGGAGGAAAAATTTTACATTTGGATCTTACAGATTAGGAGTGCATACAAAAGGTGCTGATATTGAT
GCGTTGTGTGTTGCACCAAGACATGTTGATCGAAGTGACTTTTTACCTCATTCTATGATAAGTTGAAA
TTACAGGAAGAAGTAAAAGATTTAAGAGCTGTTGAAGAGGCATTGTAACAGTTATTAACCTCTGTTTT
GATGGGATAGAGATTGATATTTTGTGCAAGATTAGCACTGCAGACAATTCCTGAAGATTTGGATCTA
CGAGATGACAGTCTGCTAAAAATTTAGATATAAGATGTATAAGAAGTCTTAACGGTATGAGAAAGCCT
ACTTCCTTTTGTGTACTTCAGTTTTTGTGTCAGATATTAGTTGTTTTTACACAAGTTTTGTATTGAAGCTT
TTTATAGCTATATTGTTAACACAGTAG
```

Restriction Sites: Sgfl-MluI
ACCN: NM_001252007
Insert Size: 717 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).



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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_001252007.1](#)

RefSeq Size: 4847 bp

RefSeq ORF: 717 bp

Locus ID: 10914

UniProt ID: [P51003](#)

Cytogenetics: 14q32.2

Protein Families: Transcription Factors

Protein Pathways: RNA degradation

MW: 27.1 kDa

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 (3) lacks multiple exons and its transcription extends past a splice site that is used in variant 1, resulting in a novel 3' coding region and 3' UTR compared to variant 1. It encodes isoform 3 which is shorter and has a distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.