

Product datasheet for **SC337354**

PAPOLA (NM_001293627) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAPOLA (NM_001293627) 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: >NCBI ORF sequence for NM_001293627, the custom clone sequence may differ by one or more nucleotides

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ATGCCGTTTCCAGTTACAACACAGGGATCACAAACAACACACCGCCACAGAAGCACTATGGCATTACTT
CTCCTATCAGCTTAGCAGCCCCAAGGAGACTGACTGCGTACTTACACAGAACTAATTGAGACATTGAA
ACCCCTTTGGGGTTTTTGAAGAGGAAGAGGAAGTGCAGCGCAGGATTTAATTTTGGGAAACTAAATAAC
CTGGTAAAAGAGTGGATACGAGAAATCAGTGAAAGCAAGAATCTCCACAATCTGTAATTGAAAATGTTG
GAGGAAAAATTTTACATTTGGATCTTACAGATTAGGAGTGCATACAAAAGGTGCTGATATTGATGCGTT
GTGTGTTGCACCAAGACATGTTGATCGAAGTGACTTTTTACCTCATTCTATGATAAGTTGAAATTACAG
GAAGAAGTAAAAGATTTAAGAGCTGTTGAAGAGGCATTGTAACAGTTATTAACCTGTGTTTGTGGGA
TAGAGATTGATTTTTGTTTGAAGATTAGCACTGCAGACAATTCCTGAAGATTTGGATCTACGAGATGA
CAGTCTGCTAAAAATTTAGATAAAGATGTATAAGAAGTCTTAACGGTTCAGGGTAACCGATGAAATT
TTACATCTAGTACCAAACATTGACAACCTCAGGTTAACTCTGAGAGCTATCAAATATGGCCAAACGCC
ACAACATCTATTCCAATATATTAGTTCCTCGGTGGTGTTCCTGGGCTATGCTAGTAGCAAGAAGCTTG
CCAGCTTTATCCAATGCAATAGCATCAACTCTGTACATAAAATTTTCTTGGTATTTTCTAAATGGGAA
TGGCCAAATCCAGTGCTATTGAAACAGCCTGAAGAATGCAATCTTAATTTGCCTGTATGGGACCCAGGG
TAAACCCAGTGATAGGTACCATCTTATGCCTATAATTACACCAGCATACCCACAACAGAACTCCACGTA
CAATGTGTCCGTTTCAACACGGATGGTCATGGTTGAGGAGTTTAAACAAGGTCTTGCTATCACAGATGAA
ATTTTGTGAGTAAGGCAGAGTGGTCCAAACTTTTTGAAGCTCCAAACTCTTTCAAAGTACAAGCATT
ATATTGACTTCTAGCAAGTGCACCAACAGAAAAACAACGCTGGAATGGTGGGCTTGGTGAATCCAA
AATCCGAATCCTGGTTGGAAGCTTGGAGAAGAATGAATTTATTACTGGCTCATGTGAATCCCCAGTCA
TTCCAGCACCCAAAGAAAATCCCGACAAGGAAGAATTTGCACGATGTGGGTGATTGGTTAGTGTTTA
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TTATAGGCAAGCAATAAACAGCAAGATGTTGAGGTGGATATGAAAATTGCTGCAATGCATGTA AAAAGA
AAGCAACTCCATCAACTACTACCTAATCATGTGCTTCAGAAAAAGAAAAAGCATTCAACAGAAGGTGCA
AATTGACAGCTCTCAATGACAGCAGCCTCGACTTGTCTATGGACAGTGATAACAGCATGTCTGTGCCTTC
ACCTACTAGTGCTACGAAGACCAGTCCATTGAACAGTTCTGGCAGCTCTCAGGGAAACAGTCTGCTCCA
GCTGTAACAGCAGCATCTGTGACCAACATACAGGCTACTGAAGTTTCTGTGCCACAAGTAAATCCAGTG
AAAGCTCAGGGGTACATCGAGTAAAAGCATTCTCAAAGTCCACACAACCAGCCATTTCTCCACCACC
AAAGCCTACGGTCTCCAGAGTTGTTTCTCAACACGTCTGGTAAACCCACCACCTAGATCTTCAGGAAAT
GCAGCAACTTCAGGAAATGCAGCAACAAAAATACCTACTCTATAGTAGGAGTCAAGAGGACATCCCTCAC
CTCATAAAGAAGAGAGTCCCAAGAAAACAAAAACAGAAGAGGATGAAAACAAGTGAAGATGCTAACTGTCT
TGCTTTGAGTGGACATGATAAAACAGAAGCAAAGGAACAATTGATACAGAGACAAGTAACTCAATCA
GAAACTATTACAGACAGCGGCTTCTCTGTTGGCCTCTCAGAAAACATCCAGTACAGACCTTCTGATATCC
CTGCTCTCCCTGCAAATCCTATTCTGTTATCAAGAATTCAATAAAAACCTGAGATTGAATCGGTA
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001293627

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_001293627.1](#), [NP_001280556.1](#)

RefSeq Size: 4539 bp

RefSeq ORF: 2235 bp

Locus ID: 10914

UniProt ID: [P51003](#)

Cytogenetics: 14q32.2

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 (4) has an alternate splice site in the 3' coding region, compared to variant 1. The resulting isoform (4) lacks an internal aa, compared to isoform 1.