

Product datasheet for **RC238558**

PAPOLA (NM_001293632) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAPOLA (NM_001293632) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PAPOLA
Synonyms:	PAP; PAP-alpha
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC238558 representing NM_001293632
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTAGTAGCAAGAACTTGCCAGCTTTATCCAATGCAATAGCATCAACTCTTGTACATAAATTTTTCT
 TGGTATTTCTAAATGGGAATGGCCAAATCCAGTGCTATTGAAACAGCCTGAAGAATGCAATCTTAATTT
 GCCTGTATGGGACCCAAGGGTAAACCCAGTGATAGGTACCATCTTATGCCTATAATTACACCAGCATA
 CCACAACAGAACTCCACGTACAATGTGTCGGTTTCAACACGGATGGTCATGGTTGAGGAGTTAAACAAG
 GTCTTGCTATCACAGATGAAATTTGCTGAGTAAGGCAGAGTGGTCCAACTTTTTGAAGCTCCAACTT
 CTTTCAAAGTACAAGCATTATATTGACTTCTAGCAAGTGCACCAACAGAAAAACAACGCTGGAATGG
 GTGGGCTTGGTGAATCAAAAATCCGAATCCTGGTTGGAAGCTTGAGAGAAGATGAATTTATTACTG
 CTCATGTGAATCCCAGTCATTTCCAGCACCCAAAGAAAATCCCGACAAGGAAGAATTTCCGACGATGT
 GGTGATTGGGTTAGTGTTAAAAAACAGAAAACCTGAAAACCTCAGTGTGATCTCACCTATGATATT
 CAGTCTTTCACAGATACAGTTTATAGGCAAGCAATAAACAGCAAGATGTTTGAGGTGGATATGAAAATTG
 CTGCAATGCATGTAAAAAGAAAGCAACTCCATCACTACTACCTAATCATGTGCTTCAGAAAAAGAAAA
 GCATTCACAGAAGGTGTCAAATGACAGCTCTCAATGACAGCAGCCTCGACTTGTCTATGGACAGTGAT
 AACAGCATGTCTGTGCCTTACCTACTAGTGCTACGAAGACCAGTCCATTGAACAGTTCTGGCAGCTCTC
 AGGGCAGAAACAGTCTGCTCCAGCTGTAAACAGCAGCATCTGTGACCAACATACAGGCTACTGAAGTTTC
 TGTGCCACAAGTAAATCCAGTGAAAGCTCAGGGGTACATCGAGTGAAAGCATTCTCAAACGCCACA
 CAACAGCCATTTCTCCACCACCAAGCCTACGGTCTCCAGAGTGTTTCTTCAACACGCTCTGGTAAACC
 CACCACCTAGATCTTCAGGAAATGCAGCAACTTCAGGAAATGCAGCAACAAAAATACCTACTCTATAGT
 AGGAGTCAAGAGGACATCCTCACCTCATAAAGAAGAGAGTCCCAAGAAAACCAAAACAGAAGAGGATGAA
 ACAAGTGAAGATGCTAACTGTCTTGTGTTGAGTGGACATGATAAAACAGAAGCAAAGGAACAACTTGATA
 CAGAGACAAGTACAACCTCAATCAGAAACTATTCAGACAGCGGCTTCTCTGTTGGCCTCTCAGAAAACATC
 CAGTACAGACCTTCTGATATCCCTGCTCTCCCTGCAAAATCCTATTCTGTTATCAAGAATTCAATAAAA
 CTGAGATTGAATCGG

ACCGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238558 representing NM_001293632
 Red=Cloning site Green=Tags(s)

MLVARTCQLYPNAIASTLVHKFFLVFSKWEWPNPVLLKQPEECNLNLPVWDPRVNPSTRYHLMPIITPAY
 PQQNSTYNVSVSTRMVMVEEFKQGLAITDEILLSKAEWSKLEAPNFFQYKHYIVLLASAPTEKQRLEW
 VGLVESKIRILVGSLEKNEFITLAHVNPQSFPAKPNPKKEEFRTMMWIGLVFKKTENSENLSDLT
 YDIQSFTDTVYRQAINSKMFVDMKIAAMHVKRKQLHQLLPNHVLQKKKHSTEGVKLTALNDSLDL
 SMDSDNSMSVPSPTSATKTSPLNSSGSSQGRNSPAPAVTAASVTNIQATEVSVQVNSSESSGGT
 SSESIPQTATQPAISPPPKPTVSRVVSSTRLVNPPRSGNAATSGNAATKIPTPIVGVKRTSSPHKEE
 SPKKTTEEDTSEDANCLALSGHDKTEAKEQLDTETSTTQSETIQTAAASLLASQKTSSTDLSDIPAL
 PANPIPVIKNSIKLRLNR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

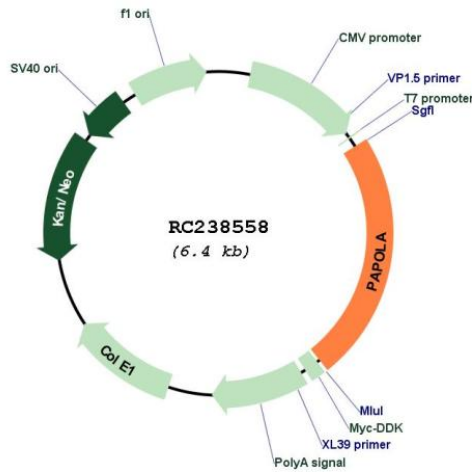
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001293632

ORF Size: 1485 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001293632.2](#)

RefSeq Size: 4378 bp

RefSeq ORF: 1488 bp

Locus ID: 10914

UniProt ID: [P51003](#)

Cytogenetics: 14q32.2

Protein Families: Transcription Factors

Protein Pathways: RNA degradation

MW: 54.9 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]