

Product datasheet for **RC232377**

PAPOLA (NM_001252006) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAPOLA (NM_001252006) 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
ORF Nucleotide Sequence:	>RC232377 representing NM_001252006 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCGTTTCAGTTACAACACAGGGATCACAACAAACACAACCGCCACAGAAGCACTATGGCATTACTT
CTCCTATCAGCTTAGCAGCCCCAAGGAGACTGACTGCGTACTTACACAGAACTAATTGAGACATTGAA
ACCCCTTTGGGGTTTTTGAAGAGGAAGAGGAAGTGCAGCGCAGGATTTAATTTTGGGAAAATAAATAAC
CTGGTAAAAGAGTGGATACGAGAAATCAGTGAAAGCAAGAATCTCCACAATCTGTAATTGAAAATGTTG
GAGGAAAAATTTTACATTTGGATCTTACAGATTAGGAGTGCATACAAAAGGTGCTGATATTGATGCGTT
GTGTGTTGCACCAAGACATGTTGATCGAAGTACTTTTTACCTCATTCTATGATAAGTTGAAATTACAG
GAAGAAGTAAAAGATTTAAGAGCTGTTGAAGAGGCATTCTGACCAGTTATTAAGTCTGTTTTGATGGGA
TAGAGATTGATATTTGTTTGAAGATTAGCACTGCAGACAATCCTGAAGATTTGGATCTACGAGATGA
CAGTCTGCTAAAAATTTAGATAAAGATGTATAAGAAGTCTTAACGGTTCAGGGTAACCGATGAAATT
TTACATCTAGTACCAAACATTGACAATTCAGGTTAACTCTGAGAGCTATCAAATATGGCCAAACGCC
ACAACATCTATTCCAATATATTAGGTTTCTCGGTGGTGTTCCTGGGCTATGCTAGTAGCAAGAAGCTTG
CCAGCTTTATCCAAATGCAATAGCATCAACTCTGTACATAAAATTTTCTGGTATTTTCAAATGGTAT
GTGTTTAGATTATAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC232377 representing NM_001252006
 Red=Cloning site Green=Tags(s)

MPFPVTTQGSQQTQPQKHYGITSPIISLAAPKETDCVL TQKLIETLKPFGVFEEEEELQRRILILGKLN
 LVKEWIREISESKNLPQSVIENVGGKIFTFGSYRLGVHTKGADIDALCVAPRHVDRSDFFTSFYDKLKLQ
 EEVKDLRAVEEAFVPVIKLCFDGIEIDILFARLALQTIPEDLDLRDSSLKLNLDIRCIRSLNGCRVTD
 EILHLVPNIDNFRLTLRAIKLWAKRHNIYSNILGFLGGVSWAMLVARTCQLYPNAIASTLVHKFFLVFSKWY
 VFRLY

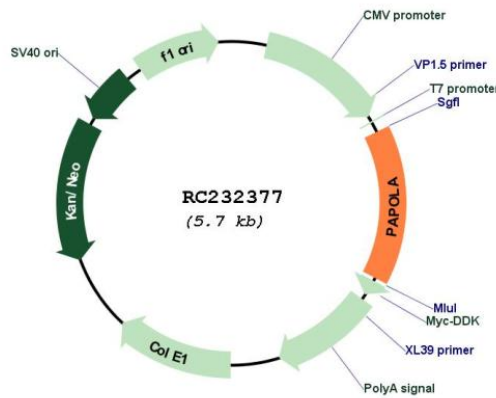
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001252006

ORF Size: 855 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:	<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:	NM_001252006.1 , NP_001238935.1
RefSeq Size:	4013 bp
RefSeq ORF:	858 bp
Locus ID:	10914
UniProt ID:	P51003
Cytogenetics:	14q32.2
Protein Families:	Transcription Factors
Protein Pathways:	RNA degradation
MW:	33.1 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]