

Product datasheet for **RG238557**

PAPOLA (NM_001293628) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAPOLA (NM_001293628) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PAPOLA
Synonyms:	PAP; PAP-alpha
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238557 representing NM_001293628.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCTAGTAGCAAGAACTTGCAGCTTTATCCAAATGCAATAGCATCAACTCTTGTACATAAATTTTTC
TTGGTATTTTCTAAATGGGAATGGCCAAATCCAGTGCTATTGAAACAGCCTGAAGAATGCAATCTTAAT
TTGCCTGTATGGGACCCAAGGGTAAACCCAGTGATAGGTACCATCTTATGCCTATAATTACACCAGCA
TACCCACAACAGAACTCCACGTACAATGTGCCGTTTCAACACGGATGGTCATGTTGAGGAGTTTAAA
CAAGGTCTTGCTATCACAGATGAAATTTTGTGAGTAAGGCAGAGTGGTCCAAACTTTTTGAAGCTCCA
AACTTCTTTCAAAGTACAAGCATTATATTGTACTTCTAGCAAGTGCACCAACAGAAAAACAACGCCTG
GAATGGTGGGCTTGGTGAATCAAAAATCCGAATCCTGGTTGGAAGCTTGAGAGAAGATGAATTTATT
ACACTGGCTCATGTGAATCCCAGTCATTTCCAGCACCCAAAGAAAATCCCGACAAGGAAGATTTTCGC
ACGATGTGGGTGATTGGGTTAGTGTAAAAAACAAGAACTCTGAAAACCTCAGTGTTGATCTCACC
TATGATATTCAGTCTTTACAGATACAGTTTATAGGCAAGCAATAAACAGCAAGATGTTTGAGGTGGAT
ATGAAAATTGCTGCAATGCATGTAAAAAGAAAGCAACTCCATCAACTACTACCTAATCATGTGCTTCAG
AAAAAGAAAAGCATTCAACAGAAAGGTGCAAAATTGACAGCTCTCAATGACAGCAGCCTCGACTTGCT
ATGGACAGTGATAACAGCATGTCTGTGCCTTCCACTACTAGTGCTACGAAGACCAGTCCATTGAACAGT
TCTGGCAGCTCTCAGGGCAGAAACAGTCTGCTCCAGCTGTAACAGCAGCATCTGTGACCAACATACAG
GCTACTGAAGTTTCTGTGCCACAAGTAAATCCAGTGAAGCTCAGGGGGTACATCGAGTGAAAGCATT
CCTCAAAGTCCCACACAACCAGCATTCTCCACCACCAAGCCTACGGTCTCCAGAGTTGTTTCTTCA
ACACGTCTGGTAAACCCACCACCTAGATCTTCAGGAAATGCAGCAACTTCAGGAAATGCAGCAACAAAA
ATACCTACTCCTATAGTAGGAGTCAAGAGGACATCCTCACCTCATAAAGAAGAGAGTCCCAAGAAAAAC
AAAACAGAAAGAGGATGAAACAAGTGAAGATGCTAACTGTCTTGGCTTTGAGTGGACATGATAAAACAGAA
GCAAAGGAACAACCTTGATACAGAGACAAGTACAACCTCAATCAGAAACTATTTCAGACAGCGCTTCTCTG
TTGGCCTCTCAGAAAACATCCAGTACAGACCTTTCTGATATCCCTGCTCTCCCTGCAAACTCTATTCTT
GTTATCAAGAATTCAATAAAACTGAGATTGAATCGG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
  
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Protein Sequence:

>Peptide sequence encoded by RG238557
 Blue=ORF Red=Cloning site Green=Tag(s)

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MLVARTCQLYPNAIASTLVHKFFLVFSKWEWPNPVLLKQPEECNLNLPVWDPRVNPSTRYHLMPIITPA
YPQQNSTYNVSVSTRMVMVEEFKQGLAITDEILLSKAWSKLFEAPNFFQYKHYIVLLASAPTEKQRL
EWWGLVESKIRILVGSLEKNEFITLAHVNPQSFPAKKNPDKEEFRTMWVIGLVFKKTENSENLSVDLT
YDIQSFDTVYRQAINSKMFVDMKIAAMHVKRKQLHQLLPNHVLQKKKHSTEGVKLTALNDSSLDLS
MDSDNSMSVPSPTSATKTSPLNSSGSSQGRNSPAPAVTAASVTNIQATEVSVPQVNSSESSGGTSSESI
PQTATQPAISPPPKPTVSRVSSTRLVNPSSGNAATSGNAATKIPTPIVGVKRTSSPHKEESPCKT
KTEEDETSEDANCLALS GHDKTEAKEQLDTETSTTQSETIQTAASLLASQKTSSTDLSDIPALPANPIP
VIKNSIKLRLNR
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
  
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Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001293628

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).

RefSeq: [NM_001293628.1](#), [NP_001280557.1](#)

RefSeq Size: 4407 bp

RefSeq ORF: 1488 bp

Locus ID: 10914

UniProt ID: [P51003](#)

Cytogenetics: 14q32.2

Protein Families: Transcription Factors

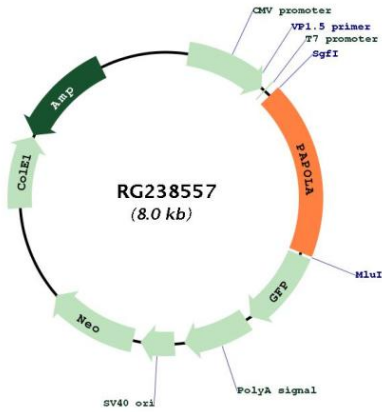
Protein Pathways: RNA degradation

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]

Product images:



Circular map for RG238557