

## Product datasheet for **SC216566**

### **PAPOLG (NM\_022894) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	PAPOLG (NM_022894) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PAPOLG
ACCN:	NM_022894
Insert Size:	2000 bp



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**Insert Sequence:** >SC216566 3'UTR clone of NM\_022894  
 The sequence shown below is from the reference sequence of NM\_022894. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AATTCCATTGACTGACCCTTAATCGGTAAAGCAGTGCCTCCTCACTTAAGTGAACAAGCAATCATT
AGTGGCATAGATGCAGCCACTTGTTTTTAAATAGAAGTGGCTGTCATACGTGAAATAAGGTGAAAGTG
ACAGCCTTCAGTCTAATAACCTTGAAGTGGTTTTTGAAGTGTCAAACCTTGACCTGTAGATGCTGTAGC
ATTCTCTCACTGATTGCTACATACACTTCTCTGAGGATCACCTGCTGCAAATTGCCATCTACAGTATT
ACAGCTTTGCATTTGGGGTTTTACTGCCTTAACTTTCAATGCTTGTATGGGAACCAGTCTTAGCCA
CTTGGACACTGATAACAAGTCTGAAGTCTTTTTTGTGTTTTTGTGTTTTTCTTTTTTGTCTT
ATGTTGTAATCATTGTATAGAGTAAAAAATTGAAAACAAAACAAAAAATTGCTTGTATTTCCAAA
TGTTAATACATTTACTTTAGCATTGAAGCCACTTTGAAACCTGAGATAAATGAATGTGAGGTATCTTTT
CTGCTTTCCTCATTGTGTAGATGACTGTCTGTTCTGTTGATTTAAATTATTTTTTCCAGATTGGCA
CATGAAATATTTAACTTTTTTGTGTGCCCTTCTGTCCAATGTTGCATAGTTACCAGGGAAGATTAGT
CCAGTGATTACATAAGAGTTGGGCACCATAAAATCTCTATATTTGCCTCCCATGGAGGCCCTTTGAAAT
GCATCTTTATTAATAAATAAATAACAGGATACTGAAAGTCAGTATATGAATGGTAAAAATTGTTAC
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CAACAATAAGATAACCTTAAAGTATGGCACACTTGTATTTTTGAGGTGTAATAAATTGCGCATGATA
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GTGGATTTTTATTGAAACCTAAAGGCATTTTGAATGACATTGTTACCAACCATTAATTGGCTCAGGACCT
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TTTTAAGTTTCAATGCATGCTCAGTTTATTAATAAATCCATAACCATGTAATTCTTGTAAATATGTTG
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TTTTCAAAGAGAAACGTTTAAACCTTTATTGTCTCTCCTTAGTCTAATTTTTTAAATATGGATTATGC
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TTTAGATTTCACTCAGCATTTAGTAGGTCAGTAGGAAAAACCCAAAATGGTACATTGAGTAGTGTGGG
GAAGACACCTCGTGTATTATAGGACTCACGGGATGCCATCTAGCAAGTGGAGAAAATAGCAGTCCATTTT
CTCTTGCAAGCCCTTTACCATTGAGTTGAAATCTTGAATTGCCAGAGAGCCGTATCCTCCAGGTCCCA
CTCCTGTTCAATGCCCTTAGGTCTCCAAAATGTAATTTCTAATGTTTACCTTGTACCATGGAAAACAT
GAAAAGAGTCTTAGAAGTAAAGAACAACAAGGAAAAAAATGTTTGTCTATTATTTCCCTTTTTATATAG
CAGCAAAAGATAAGAATAAAATCACATAACCAAGTTGAAGCTTCTTGGCAAAGCTGTTGTCTTAGCTG
ACTCTTTCCCTTTATTGAGATGTTTTGGGATTGTTCTACAAAATAGTCTATTTGAGCAAAAATGAATGAT
TATGAAAGAACCAGAAATATCACCTGACTTCAACTTTTGAAGCTTTAGTAAGGAATTTGATTTAA
ACGCGTAAAGCGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_022894.4](#)

**Summary:**

This gene encodes a member of the poly(A) polymerase family which catalyzes template-independent extension of the 3' end of a DNA/RNA strand. This enzyme shares 60% identity to the well characterized poly(A) polymerase II (PAPII) at the amino acid level. These two enzymes have similar organization of structural and functional domains. This enzyme is exclusively localized in the nucleus and exhibits both nonspecific and CPSF (cleavage and polyadenylation specificity factor)/AAUAAA-dependent polyadenylation activity. This gene is located on chromosome 2 in contrast to the PAPII gene, which is located on chromosome 14. [provided by RefSeq, Jul 2008]

**Locus ID:**

64895

**MW:**

77