

Product datasheet for **SC217193**

POLD3 (NM_006591) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	POLD3 (NM_006591) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	POLD3
Synonyms:	P66; P68; PPP1R128
ACCN:	NM_006591
Insert Size:	2000 bp



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Insert Sequence: >SC217193 3'UTR clone of NM_006591
 The sequence shown below is from the reference sequence of NM_006591. 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
TCCATTACTGGCTTCTTCCAGAGGAAATAAAGTCCATCTCTGGTAGATCAGAGACTTGGAGTGGTCAA
GGGAGAAGACCAAGAAATGTACTCCTCACTTACTATGTAAGTTCATCTAGATCTCCACCTCACCTGTAT
CAAAAGACTGTTCTTTCATCCTGTGAGGTTTATACTATTTCTGGTTTTTAACCAAAAGGAAATCATCTG
GAAGCAGGAGGCAAAAAGCTGTTACCTTCTAATGACATTTAAAAAGCACAGTCTTTGACCTGTCCAGGA
GAAGGATTTACTCCAAAATTATACTGGAACAGTTTTTCAGAATTCTCACTGAAGCCATTTAGTGGCTAAC
CCACTGTGCTCCACTCACCTATGCCCTGGTCCGCATATGGCACAGGAATTATTCCTTCTGTTCCTCT
GTATTCTAAGAATTCATGTGGGTGTTTCTTATCCTTACATTCTGTGGATACGTTTACCCTCTGTGCT
TCCTGCAGTACCACACTTCTGTCCCTAACCTCCTGAGGCTGTTCTCTGTAAGTCTTTTAAAGTTTTGGT
TGGACTAAAGGCTGAAGTGAAAATCTCCCTGTAATCCTCTTCCCTCATTATGCAGTACACGGACACCTG
GCTACAGACCAGGACGTGGCTTGTGTTCTGTTCCCTTTCACAAAAGCTCTCTGGGACCTTCACTTGAAT
TAGTGGTTAGGAAAAGCCTCAGGCAGAACACAAATAGAAATTTAATGATGTGTTCAACTCCACCAGAA
ATTACCTCGAGTCAGCATTGACGATATTGGAGGAGCTGCCGTGCTGTGATACGGGGTGTGCTTTATGC
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TATGAAAATCATCTATTACAATGATAACCTTCAAGTGACTTCCATTATGGCTGGACAGGCGGTGAGCT
CAGTGGATTGCACTGCTGCTGTTTGCACAGTGAAGTCTGCGGAAGGGGTGAGGCTCAACTGC
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TCTTTAGCAACCAAGCATGAACCTGATTAAGACCAGAAGTTGGGAGATGAGTCTGGCATTATGTCTA
GGACTAAAGCAGTGGCTTTGTATAGCAAGCTGAGTAAAGGTTGACATATCCAAAACCTTCTTTTTTAA
AAGGAAAAGGATGGAGAGAAGGATGGAAGCCTGGACTTAAACCTTTAGAAAAACTTCTGGAGAGAA
ATCCCTTTTAAACAGTACTTTTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT
GAAAAGCAACAATCCAATCTTTTTTCTAAAAATTATGCTGGGGTCTCGACTAAAACCTGAATTTGAATTG
GAAAATCTGGTGTGGTGGAGTTCCATCTTGAAGGGATAATACAAATCCTATGATCTCTATGCCCA
ATATGCTGCCCTCAACTCTGAGCTGTCTGCAAGGCTTAGTAAGTATTGAGTGGTGTGTTTTTTTTCTTTT
TATACAATACCATGTTAACCACATGAGTTAAATAAATTTGAGAAGTGTGTTTTAAACAGTGTCTTCAA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_006591.3](#)

Summary: This gene encodes the 66-kDa subunit of DNA polymerase delta. DNA polymerase delta possesses both polymerase and 3' to 5' exonuclease activity and plays a critical role in DNA replication and repair. The encoded protein plays a role in regulating the activity of DNA polymerase delta through interactions with other subunits and the processivity cofactor proliferating cell nuclear antigen (PCNA). Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Mar 2012]

Locus ID: 10714

MW: 76