

Product datasheet for **SC215517**

DNA Polymerase epsilon (POLE3) (NM_017443) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DNA Polymerase epsilon (POLE3) (NM_017443) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	POLE3
Synonyms:	CHARAC17; CHRAC2; CHRAC17; p17; YBL1
ACCN:	NM_017443
Insert Size:	1606 bp



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Insert Sequence: >SC215517 3'UTR clone of NM_017443
 The sequence shown below is from the reference sequence of NM_017443. 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
CAGAATGAAGAGGAAGAAGTAGACAAC TGAAGAGGGCGGGAGACTGTGGCACCTTGAAGGTACCACTT
GAAATGAGACGTGCTACGTGTTTCTGTGAAGCTTTTCCATGCTGGGCAGAGTAGTCTCAGGCAAAAAGTG
CCTGAAAAGATCAGAATAAAAACTGACTAGAAATACCGTCAAAACCAGCACTTACCAAACTCAGAGCAT
CTGAGTAGCAGAATCCTGTTTTGCTTCACTCAATCTGAAGGTTATGGCCTTTTGACAAGAGGGATTCTGA
ACGACTAAATTAGTCAGTTTGTCTGCTTTTGTACTTAAATGTATGGTTAGATGGTTTTTGATCTGCA
GTCTTCCCTAGTCCCCAAATAAGTAATAAATAACTTCCATGCTGCCTGCTGTGTTCCAGATCACAGAGG
CAGCCAAGGCTCAGGAAAACTGGGGCTTTGCTTATGGTCAGCCTATGTTTGATTGCACAGTCTTTGAC
AATAGTAGCTTACTAAGACTGCTCAGAATGAGTAAGCTTTAGGAACTACTAAAAATGCTGTGGGAGAA
AACAAAATCCGTTCTCTCTCTTCACTTGACAGAAGCATTAACTGAATTTTGTTTTTCATAGACCCACTT
GGCCAAAACCTTTCTATATTGCCTGTAGATGATCGGCCTGCTGGTGTGGTAGTAATCTGATCACAGAT
ATTCTTAAATCAGCAGTGTGAAATGGTATTAGTCAAACATGGTGCCAGTGTCTTTTACAAAAACAGATG
GCATAGTGTGAGATGTACCTTACTCTGCTACTGTACAGCTTTAGGATTTGTCATCACCTCCCGGAAG
GTGTAAAACCCAGGCTTCTCTTCTTGTAGTCCATCTCCAGACTTGTGACTATGGCTTTTTCATTTCTT
CAATTCATGACGAGTGCCAAACTTGATTTTCTCTAGGCACAGCTTTCTCCCTCTGTGCCTCCTGCTTCC
TTTCTCTCTCCTGCTCTCCTCTGCTCCCATCCCACTTTCTCATCTGCCTCCTTTTCTCACTTCTGTC
AGTCTGTAAGCTTTGATAACCTGCTTAACTCCAAAGTGTGAGTCTCTCTGATCTCTTGATTCTTAG
TTCTAATCTCACGTTTTTGTGTTTTAAGAGATGGAGTCTCTCACTCTGTGGCCAGGCTGGAGTGCAGTGG
CATGATCATAGCTCATTGCATCCTTGAATCCTGGGCTCAGGTGATCCTCCCGCTGAGCCTCCTGAGT
ATCTGGGACTACAGATGCGTGCCACCAAGCCTGGCTAATTTTGTCTCATGTCTTTAAAAATATTTTG
TGAAGCCCTTCAAAAAAACCTTAAGGAAATCTGATGGTGCTCAGGAATCTAACTCTCCCTAAACCA
TCCTCTTAACTGCTTCTAAAATATCTCTGTTGGCCTTTCTTAGCCTTTTCTGTTTCCATTGAGTGT
CCAAGCGCTTTTGTGTTTAAAGTTGAGTGTGGGGTTTGACAGGTAGTGACGTGATGTTTACACTGT
TAACTTGTTAAATACAGTAAAAGTTTGTGAGTGAAGAATGCTGAGAAGATTGTAATGCTTTGTACAAA
TAAAAGTCTTGTTAAAAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_017443.5](#)

Summary: POLE3 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.[supplied by OMIM, Apr 2004]

Locus ID: 54107

MW: 60.7