

Product datasheet for **SC211334**

POLE (NM_006231) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: POLE (NM_006231) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: POLE
Synonyms: CRCS12; FILS; IMAGE1; POLE1
ACCN: NM_006231
Insert Size: 965 bp
Insert Sequence: >SC211334 3'UTR clone of NM_006231
 The sequence shown below is from the reference sequence of NM_006231. 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
CTGCAGAAGAACCACAGCTGGGCCATTAGCCAGCCCCGGGCCCCGGTGCCTCTGCGTCCGTGCCAGG
CCTCCTGATGCCAAGCCACATCCCCGTGCTTCCAGTGACCAGACCACTGACCACCCTGACTGTCCAAA
CCTGTGACCCCAGGCCAGGGAACGGGGAGGAAACCAAAGAAAACCATTTTCAGGGAGCTCAGACGTAC
AGGAGGGAGCGGGAGCAGGATGTGGCCCTGGCCTCGCCAGAGCACCTGAAGAAGCAGGCCGTGAGCGAG
GCTGCGAGTGCCTGGGCGCCGTTTCTCACGCAGTGAATGCTTTTCCAGGCCCTCTGTTGCTTCTGCAC
CACACCTGGTGGGGTGGGAGCGTCTCTAGGTGCCCTAGTTCTTTGTCCTGCCTCCCAGAGGGAGGAA
AAGCCCCTGGGGGCTTCTGGCTCCCTGAGATTGGGCTCTGAGACGAGACGGGTTCCCAAGGCCCTGGTG
GGGCTGGAGTCTCACCTGTTTGCATGGAGAAATGGGCTGGCCCCACAGCCTCACAGGAGCAGTTTGTGG
GCTGTTTTCCCCAGGAATCCAGACCCTAACCCGTGAGAATCTGGATTTTGGCTTGTGAGCCCTGCTTAT
TTGGAGCCGGTCTAGAGGGAACCCTCTATCAGCCTCAGGAAAACAAGACCTCTGTGCACCTCACTTTT
GGCTCACTGCAGCCCTTGTCTTACCTCCACACAGGACCAGCTGGAAGCAGAAAGAAGAAAGGCCAAT
TTCACAGGGCACCAACAAGTATGAAATGTAAATCAGAAATGCAGACACCCAGAGCAGAGCCTCACAG
GAGGGAGGGGGCCCCACAGGCTCCCCAGGAGGCTCGTGTCTTTGGCCCAGAGCCAGCCTTAGTTTGTCC
CTGCCATCTACTGTCTGAGGCCATCGCTGCTACACTTTGTTTTTATTTGTATTTTCATACTGAAGTTTC
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).



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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_006231.4
Summary:	This gene encodes the catalytic subunit of DNA polymerase epsilon. The enzyme is involved in DNA repair and chromosomal DNA replication. Mutations in this gene have been associated with colorectal cancer 12 and facial dysmorphism, immunodeficiency, livedo, and short stature. [provided by RefSeq, Sep 2013]
Locus ID:	5426
MW:	35