

Product datasheet for **SC200500**

POLE2 (NM_002692) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	POLE2 (NM_002692) Human 3' UTR Clone
Symbol:	POLE2
Synonyms:	DPE2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002692
Insert Size:	127 bp
Insert Sequence:	>SC200500 3'UTR clone of NM_002692 The sequence shown below is from the reference sequence of NM_002692. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC GTAGAAGATAGCAAACCTCAAGGCTTT TGA GATTCTTAAAGATCATCTGAAGAAAATTCATCAGTTTTC TGCTTAACTCTATATCTTATGTGATTCTGATATTACAATAAAATTATGGTAAACTTTA ACGCGT AAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_002692.4



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Summary: DNA polymerase epsilon, which is involved in DNA repair and replication, is composed of a large catalytic subunit and a small accessory subunit. The protein encoded by this gene represents the small subunit (B). Defects in this gene have been linked to colorectal cancer and to combined immunodeficiency. [provided by RefSeq, Jan 2017]

Locus ID: 5427

MW: 5