

## Product datasheet for **SC201205**

### DNA Polymerase beta (POLB) (NM\_002690) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	DNA Polymerase beta (POLB) (NM_002690) Human 3' UTR Clone
Symbol:	DNA Polymerase beta
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002690
Insert Size:	181 bp
Insert Sequence:	>SC201205 3'UTR clone of NM_002690 The sequence shown below is from the reference sequence of NM_002690. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> TACCGGGAACCCAAGGACCGGAGCGAA <b>TGA</b> GGCCTGTATCCTCCCTGGCAGACACAACCCAATAGGAGT CTTAATTTATTTCTTAACCTTTGCTATGTAAGGGTCTTTGGTGTTTTTAAATGATTGTTTCTTCTTCAT GCTTTTGCTTGCAATGTAGTCAATAAACCTCATGTACTATTA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u><a href="#">NM_002690.3</a></u>



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**Summary:**

The protein encoded by this gene is a DNA polymerase involved in base excision and repair, also called gap-filling DNA synthesis. The encoded protein, acting as a monomer, is normally found in the cytoplasm, but it translocates to the nucleus upon DNA damage. Several transcript variants of this gene exist, but the full-length nature of only one has been described to date. [provided by RefSeq, Sep 2011]

**Locus ID:**

5423

**MW:**

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