

Product datasheet for **SC200008**

POLG2 (NM_007215) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	POLG2 (NM_007215) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	POLG2
Synonyms:	HP55; MTDPS16; MTPOLB; PEOA4; POLB; POLG-BETA; POLGB
ACCN:	NM_007215
Insert Size:	68 bp
Insert Sequence:	>SC200008 3'UTR clone of NM_007215 The sequence shown below is from the reference sequence of NM_007215. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGTATATATCATCAGCTAAGAATGTATAGATTTTATATTTGTATAATAAATATTCTTCTCTCTAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_007215.4</u>
Summary:	This gene encodes the processivity subunit of the mitochondrial DNA polymerase gamma. The encoded protein forms a heterotrimer containing one catalytic subunit and two processivity subunits. This protein enhances DNA binding and promotes processive DNA synthesis. Mutations in this gene result in autosomal dominant progressive external ophthalmoplegia with mitochondrial DNA deletions.[provided by RefSeq, Sep 2009]



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Locus ID: 11232

MW: 2.6