

## Product datasheet for **SC202612**

### **POLR2G (NM\_002696) Human 3' UTR Clone**

#### Product data:

|                    |   |
|--------------------|---|
| Product Type:      | 3' UTR Clones   |
| Product Name:      | POLR2G (NM_002696) Human 3' UTR Clone   |
| Vector:            | pMirTarget (PS100062)   |
| Symbol:            | POLR2G  |
| Synonyms:          | hRPB19; hsRPB7; RPB7; RPB19   |
| ACCN:              | NM_002696   |
| Insert Size:       | 233 bp  |
| Insert Sequence:   | >SC202612 3'UTR clone of NM_002696<br>The sequence shown below is from the reference sequence of NM_002696. The complete sequence of this clone may contain minor differences, such as SNPs.<br><b>Blue</b> =Stop Codon <b>Red</b> =Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC<br>ATGGACGATTACTTGGGCTTGTAAAGCTGAGCCTGGTGGCCTCCTACCCTTGGTCTACTCTAGGAAGT<br>GTGATTGTCACACTTATCATGTTGTCCAGAGTCCAGTCTGGCTGCTGTTGTGGAGCAAGGAAGGCAA<br>CTCATCCAGAAGGCATCTGGTCTTCTTGTAGCTTAACTACTGCCTCCTCATTTTTCAGTATGTGTTCT<br>TAAGTATAAAAAGTCCTTGGTTCTCA<br><b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA<br>CGAGATTCGATTCCACCGCCCTTCTATGAAAGG |
| 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).   |
| 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_002696.3</a></u>  |



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**Summary:** This gene encodes the seventh largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The protein functions in transcription initiation, and is also thought to help stabilize transcribing polymerase molecules during elongation. [provided by RefSeq, Jan 2009]

**Locus ID:** 5436

**MW:** 8.8