

Product datasheet for **SC205890**

POLR2A (NM_000937) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: POLR2A (NM_000937) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: POLR2A
Synonyms: hRPB220; hsRPB1; NEDHIB; POLR2; POLRA; RPB1; RPBh1; RpILS; RPO2; RPOL2
ACCN: NM_000937
Insert Size: 467 bp
Insert Sequence: >SC205890 3'UTR clone of NM_000937
 The sequence shown below is from the reference sequence of NM_000937. 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
AGCCCGGATGACAGTGACGAGGAGAACTGAGGGCACGTGGGGTGCGGCAGCGGGCTAGGGCCCAGGGCA
GCTTGCCCGTGCTGCTGTGCAGTTCTTGCCTCCCTCACGGGGCGTCACCCAGCCAGCTCCGTTGTA
CATAAATGCCTTGTGGCAGAGCTCCCGTGAACCTCTGGATCCCGTTTCTGATGCAGACTCTGTCTTG
TTCTCCACTTGTGCTGTTAGAACTCACTGGCCAGTGGTGTCTCACTCCTACCCACCCACCCCTGC
CTGTCCCAAATTGAAGATCCTTCTTGCCTGTGGCTTGTGCGGGCGGGTAAAGGGTATTTAACTT
AGGGGTAGTTCCTGCTGTGAGTGGTTACAGCTGATCCTCGGAAGAACAAGCTAAAGCTGCCTTTGT
CTGTTATTTATTTTTTGAAGTTAAATAAAGTTTACTAATTTTGACCAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_000937.5](#)



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Summary: This gene encodes the largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene contains a carboxy terminal domain composed of heptapeptide repeats that are essential for polymerase activity. These repeats contain serine and threonine residues that are phosphorylated in actively transcribing RNA polymerase. In addition, this subunit, in combination with several other polymerase subunits, forms the DNA binding domain of the polymerase, a groove in which the DNA template is transcribed into RNA. [provided by RefSeq, Jul 2008]

Locus ID: 5430

MW: 16.9