

**POLR2C Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP20520b

**Specification**

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**POLR2C Blocking Peptide (C-term) - Product Information**

Primary Accession

[P19387](#)

Other Accession

[P97760](#), [Q3T0Q3](#)**POLR2C Blocking Peptide (C-term) - Additional Information****Gene ID** 5432**Other Names**

DNA-directed RNA polymerase II subunit RPB3, RNA polymerase II subunit 3, RNA polymerase II subunit B3, DNA-directed RNA polymerase II 33 kDa polypeptide, RPB33, DNA-directed RNA polymerase II subunit C, RPB31, POLR2C

**Target/Specificity**

The synthetic peptide sequence is selected from aa 214-228 of Human POLR2C

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**POLR2C Blocking Peptide (C-term) - Protein Information****Name** POLR2C ([HGNC:9189](#))**Function**

Core component of RNA polymerase II (Pol II), a DNA-dependent RNA polymerase which synthesizes mRNA precursors and many functional non-coding RNAs using the four ribonucleoside triphosphates as substrates.

**Cellular Location**

Nucleus.

**POLR2C Blocking Peptide (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **POLR2C Blocking Peptide (C-term) - Images**

#### **POLR2C Blocking Peptide (C-term) - Background**

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. Pol II is the central component of the basal RNA polymerase II transcription machinery. It is composed of mobile elements that move relative to each other. RPB3 is part of the core element with the central large cleft and the clamp element that moves to open and close the cleft (By similarity).

#### **POLR2C Blocking Peptide (C-term) - References**

Pati U.K., et al. J. Biol. Chem. 265:8400-8403(1990).  
Dammann R., et al. Biochim. Biophys. Acta 1396:153-157(1998).  
Bruno T., et al. Submitted (FEB-1998) to the EMBL/GenBank/DDBJ databases.  
Loftus B.J., et al. Genomics 60:295-308(1999).  
Bienvenut W.V., et al. Submitted (MAR-2009) to UniProtKB.