10320 Camino Santa Fe, Suite G
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POLR2H Blocking Peptide (Center)

Synthetic peptide
Catalog # BP20263c

Specification

POLR2H Blocking Peptide (Center) - Product Information

Primary Accession	P52434
Other Accession	Q923G2, NP_006223.2

POLR2H Blocking Peptide (Center) - Additional Information

Gene ID 5437

Other Names
DNA-directed RNA polymerases I, II, and III subunit RPABC3, RNA polymerases I, II, and III subunit ABC3, DNA-directed RNA polymerase II subunit H, DNA-directed RNA polymerases I, II, and III 171 kDa polypeptide, RPB17, RPB8 homolog, hRPB8, POLR2H

Target/Specificity
The synthetic peptide sequence is selected from aa 74-87 of HUMAN POLR2H

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.

POLR2H Blocking Peptide (Center) - Protein Information

Name POLR2H (HGNC:9195)

Function
DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non- coding RNAs, and small RNAs, such as 5S rRNA and tRNAs, respectively.

Cellular Location
Nucleus {ECO:0000269|PubMed:33335104, ECO:0000269|PubMed:9852112, ECO:0000269|Ref.6}. Nucleus, nucleolus

POLR2H Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

POLR2H Blocking Peptide (Center) - Images

POLR2H Blocking Peptide (Center) - Background

This gene encodes one of the essential subunits of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III.

POLR2H Blocking Peptide (Center) - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Michiels, S., et al. Carcinogenesis 30(5):763-768(2009)
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :
Kang, X., et al. J. Biol. Chem. 281(26):18216-18226(2006)
Andersen, J.S., et al. Nature 433(7021):77-83(2005)