10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

SUB1 Blocking Peptide(Center)

Synthetic peptide
Catalog # BP19807c

Specification

SUB1 Blocking Peptide(Center) - Product Information

Primary Accession	P53999
Other Accession	Q4R947, NP_006704.3

SUB1 Blocking Peptide(Center) - Additional Information

Gene ID 10923

Other Names
Activated RNA polymerase II transcriptional coactivator p15, Positive cofactor 4, PC4, SUB1 homolog, p14, SUB1, PC4, RPO2TC1

Target/Specificity
The synthetic peptide sequence is selected from aa 33-47 of HUMAN SUB1

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.

SUB1 Blocking Peptide(Center) - Protein Information

Name SUB1

Synonyms PC4, RPO2TC1

Function
General coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. May be involved in stabilizing the multiprotein transcription complex. Binds single-stranded DNA. Also binds, in vitro, non-specifically to double-stranded DNA (ds DNA).

Cellular Location
Nucleus.

SUB1 Blocking Peptide(Center) - Protocols

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

- Blocking Peptides

SUB1 Blocking Peptide(Center) - Images

SUB1 Blocking Peptide(Center) - Background

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SUB1 Blocking Peptide(Center) - References

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Rajagopalan, S., et al. J. Biol. Chem. 284(32):21728-21737(2009)
Mortusewicz, O., et al. J. Cell Biol. 183(5):769-776(2008)
Batta, K., et al. Mol. Cell. Biol. 27(21):7603-7614(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)