

# SUB1 Blocking Peptide(Center)

Synthetic peptide Catalog # BP19807c

### **Specification**

### SUB1 Blocking Peptide(Center) - Product Information

Primary Accession <u>P53999</u>

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



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**

Das, C., et al. J. Mol. Biol. 397(1):1-12(2010) 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)