

**SCAF8 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP21643c****Specification**

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**SCAF8 Blocking Peptide (Center) - Product Information**Primary Accession [Q9UPN6](#)**SCAF8 Blocking Peptide (Center) - Additional Information****Gene ID** 22828**Other Names**

Protein SCAF8, CDC5L complex-associated protein 7, RNA-binding motif protein 16, SR-related and CTD-associated factor 8, SCAF8, CCAP7, KIAA1116, RBM16

**Target/Specificity**

The synthetic peptide sequence is selected from aa 520-534 of HUMAN SCAF8

**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.

**SCAF8 Blocking Peptide (Center) - Protein Information****Name** SCAF8 {ECO:0000303|PubMed:9528809, ECO:0000312|HGNC:HGNC:20959}**Function**

Anti-terminator protein required to prevent early mRNA termination during transcription (PubMed:<a href="http://www.uniprot.org/citations/31104839" target="\_blank">31104839</a>). Together with SCAF4, acts by suppressing the use of early, alternative poly(A) sites, thereby preventing the accumulation of non-functional truncated proteins (PubMed:<a href="http://www.uniprot.org/citations/31104839" target="\_blank">31104839</a>). Mechanistically, associates with the phosphorylated C-terminal heptapeptide repeat domain (CTD) of the largest RNA polymerase II subunit (POLR2A), and subsequently binds nascent RNA upstream of early polyadenylation sites to prevent premature mRNA transcript cleavage and polyadenylation (PubMed:<a href="http://www.uniprot.org/citations/31104839" target="\_blank">31104839</a>). Independently of SCAF4, also acts as a positive regulator of transcript elongation (PubMed:<a href="http://www.uniprot.org/citations/31104839" target="\_blank">31104839</a>).

**Cellular Location**

Nucleus. Nucleus matrix. Note=Detected in granular nuclear foci which correspond to sites of

active transcription

### **SCAF8 Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

### **SCAF8 Blocking Peptide (Center) - Images**

### **SCAF8 Blocking Peptide (Center) - Background**

May play a role in mRNA processing.

### **SCAF8 Blocking Peptide (Center) - References**

Kikuno R., et al. DNA Res. 6:197-205(1999).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Mungall A.J., et al. Nature 425:805-811(2003).  
Patturajan M., et al. Mol. Cell. Biol. 18:2406-2415(1998).  
Ajuh P., et al. EMBO J. 19:6569-6581(2000).