

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

SCAF8 Blocking Peptide (Center) - Product InformationPrimary 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:31104839). Together with SCAF4, acts by suppressing the use of early, alternative poly(A) sites, thereby preventing the accumulation of non-functional truncated proteins (PubMed:31104839). 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:31104839). Independently of SCAF4, also acts as a positive regulator of transcript elongation (PubMed:31104839).

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).