

**HEXIM2 Blocking Peptide (C-Term)**

Synthetic peptide

Catalog # BP22031b

**Specification**

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**HEXIM2 Blocking Peptide (C-Term) - Product Information**

Primary Accession

[Q96MH2](#)**HEXIM2 Blocking Peptide (C-Term) - Additional Information**

Gene ID 124790

**Other Names**

Protein HEXIM2, Hexamethylene bis-acetamide-inducible protein 2, HEXIM2

**Target/Specificity**

The synthetic peptide sequence is selected from aa 255-269 of HUMAN HEXIM2

**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.

**HEXIM2 Blocking Peptide (C-Term) - Protein Information**

Name HEXIM2

**Function**

Transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor (PubMed: [15713661](http://www.uniprot.org/citations/15713661)), PubMed: [15713662](http://www.uniprot.org/citations/15713662)). Core component of the 7SK RNP complex: in cooperation with 7SK snRNA sequesters P-TEFb in a large inactive 7SK snRNP complex preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation (PubMed: [15713661](http://www.uniprot.org/citations/15713661), PubMed: [15713662](http://www.uniprot.org/citations/15713662)).

**Cellular Location**

Nucleus.

**Tissue Location**

Ubiquitously expressed with higher expression in testis. HEXIM1 and HEXIM2 are differentially expressed

## **HEXIM2 Blocking Peptide (C-Term) - Protocols**

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

- [Blocking Peptides](#)

## **HEXIM2 Blocking Peptide (C-Term) - Images**

## **HEXIM2 Blocking Peptide (C-Term) - Background**

Transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor. In cooperation with 7SK snRNA sequesters P-TEFb in a large inactive 7SK snRNP complex preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation.

## **HEXIM2 Blocking Peptide (C-Term) - References**

Petroziello J.,et al.Oncogene 23:7734-7745(2004).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
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