

HEXIM2 Blocking Peptide (C-Term)

Synthetic peptide

Catalog # BP22031b

Specification

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).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Byers S.A., et al. J. Biol. Chem. 280:16360-16367(2005).
Yik J.H.N., et al. J. Biol. Chem. 280:16368-16376(2005).