

HIST1H2BM Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20687c**Specification**

HIST1H2BM Blocking Peptide (Center) - Product Information

Primary Accession [Q99879](#)
Other Accession [P02283](#), [P57053](#), [Q9PSW9](#), [P0C1H5](#), [P0C1H4](#),
[Q6PC60](#), [Q8CGP0](#), [Q8N257](#), [Q9D2U9](#), [Q5QNW6](#),
[Q64524](#), [Q16778](#), [Q64525](#), [Q00715](#), [Q5BJA5](#),
[P0C1H3](#), [P62808](#), [Q8CGP2](#), [P23527](#), [Q99877](#),
[Q32L48](#), [P10854](#), [Q99880](#), [Q8CGP1](#), [Q60814](#),
[Q2M2T1](#), [P06899](#), [Q64478](#), [Q93079](#), [P10853](#),
[P58876](#), [Q6ZWY9](#)

HIST1H2BM Blocking Peptide (Center) - Additional Information

Gene ID 8342

Other Names

Histone H2B type 1-M, Histone H2Be, H2B/e, HIST1H2BM, H2BFE

Target/Specificity

The synthetic peptide sequence is selected from aa 44-58 of HUMAN HIST1H2BM

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.

HIST1H2BM Blocking Peptide (Center) - Protein Information

Name H2BC14 ([HGNC:4750](#))

Function

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Cellular Location

Nucleus. Chromosome.

HIST1H2BM Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

HIST1H2BM Blocking Peptide (Center) - Images

HIST1H2BM Blocking Peptide (Center) - Background

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HIST1H2BM Blocking Peptide (Center) - References

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Marzluff W.F.,et al.Genomics 80:487-498(2002).
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Cheung W.L.,et al.Cell 113:507-517(2003).