

HIST3H2A Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP21623a**Specification**

HIST3H2A Blocking Peptide (N-term) - Product InformationPrimary Accession [Q7L7L0](#)**HIST3H2A Blocking Peptide (N-term) - Additional Information****Gene ID** 92815**Other Names**

Histone H2A type 3, HIST3H2A

Target/Specificity

The synthetic peptide sequence is selected from aa 33-47 of HUMAN HIST3H2A

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.

HIST3H2A Blocking Peptide (N-term) - Protein Information**Name** H2AC25 ([HGNC:20507](#))**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.

HIST3H2A Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

HIST3H2A Blocking Peptide (N-term) - Images

HIST3H2A Blocking Peptide (N-term) - Background

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HIST3H2A Blocking Peptide (N-term) - References

Marzluff W.F.,et al.Genomics 80:487-498(2002).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
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Aihara H.,et al.Genes Dev. 18:877-888(2004).