

Mouse Hmga2 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP21032a**Specification**

Mouse Hmga2 Blocking Peptide (N-term) - Product Information

Primary Accession [P52927](#)
Other Accession [P52926](#)

Mouse Hmga2 Blocking Peptide (N-term) - Additional Information

Gene ID 15364

Other Names

High mobility group protein HMGI-C, High mobility group AT-hook protein 2, Hmga2, Hmgic

Target/Specificity

The synthetic peptide sequence is selected from aa 26-39 of HUMAN Hmga2

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.

Mouse Hmga2 Blocking Peptide (N-term) - Protein Information

Name Hmga2

Synonyms Hmgic

Function

Functions as a transcriptional regulator. Functions in cell cycle regulation through CCNA2. Plays an important role in chromosome condensation during the meiotic G2/M transition of spermatocytes. Plays a role in postnatal myogenesis, is involved in satellite cell activation (PubMed:27446912). Positively regulates IGF2 expression through PLAG1 and in a PLAG1-independent manner (By similarity).

Cellular Location

Nucleus.

Tissue Location

Expressed in mitotic spermatogonia, meiotic spermatocytes, and postmeiotic round spermatids (at protein level) (PubMed:14668482). Expressed in embryonic myogenic progenitor cells

(PubMed:27446912).

Mouse Hmga2 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

Mouse Hmga2 Blocking Peptide (N-term) - Images

Mouse Hmga2 Blocking Peptide (N-term) - Background

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Mouse Hmga2 Blocking Peptide (N-term) - References

Manfioletti G.,et al.Nucleic Acids Res. 19:6793-6797(1991).

Manfioletti G.,et al.Gene 167:249-253(1995).

Zhou X.,et al.Nucleic Acids Res. 24:4071-4077(1996).

Carninci P.,et al.Science 309:1559-1563(2005).

Di Agostino S.,et al.Mol. Biol. Cell 15:1224-1232(2004).