

**Mouse Hmga2 Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP20905c****Specification**

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**Mouse Hmga2 Blocking Peptide (C-term) - Product Information**

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

**Mouse Hmga2 Blocking Peptide (C-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 72-85 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 (C-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:<a href="http://www.uniprot.org/citations/27446912" target="\_blank">27446912</a>). 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 (C-term) - Protocols**

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

- [Blocking Peptides](#)

### **Mouse Hmga2 Blocking Peptide (C-term) - Images**

### **Mouse Hmga2 Blocking Peptide (C-term) - Background**

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### **Mouse Hmga2 Blocking Peptide (C-term) - References**

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

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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).